Cottage Results

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A marked increase in eosinophils (about 30%), or the presence of specific antibodies, is an indication of an allergic reaction.

BUN (blood urea nitrogen) and 1,25-D will be elevated in a Herxheimer reaction.

I observe that when I was there - post anti-biotic, kidney soreness

I am curious, is this a normal reaction to a body responding to being treated for a bladder infection, or is it a response to the anti-biotic killing another type of bacteria.

These factors were highlighted as "low"

Low Albumin: https://www.nlm.nih.gov/medlineplus/ency/article/003480.htm

Low iStat Bun: http://answers.webmd.com/answers/1198396/what-is-bun-creatinine-ratio

http://www.webmd.com/a-to-z-guides/creatinine-and-creatinine-clearance-blood-tests?page=2

Interesting - this seems to be getting lower with time - change in kidney function?

Low bun - liver, kidneys (could it be the missing gene stuff? response to anti-biotics?)

Low IStat GFR:

Low Stat Glucose:

Highlighted in Red

AST (SGot):

ALT (SGPT):

These factors were listed as "high"

High iStat Glucose:

High Monocytes: https://www.merckmanuals.com/home/blood-disorders/white-blood-cell-disorders/monocyte-disorder

Magnolia Heaven <sandangelsings@gmail.com>

Health Record from FollowMyHealth®

FollowMyHealth <noreply@followmyhealth.com>

To: sandangelsings@gmail.com

Tue, Mar 1, 2016 at 6:14 PM

Name:

Age:

Gender:

Misa Kelly

56

Female

Results

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CBC with Automated Differential.

Name	Date	Value	Units	Range	Source
WBC Count	8/19/2009	9.10	K/MCL	5.0-10.0	Cottage Health/Pacific Diagnostic Laboratories
Hemoglobin	8/19/2009	15.50	GM/DL	13-17	Cottage Health/Pacific Diagnostic Laboratories
Hematocrit	8/19/2009	45.70	%	37-47	Cottage Health/Pacific Diagnostic Laboratories
Platelet Count	8/19/2009	259.00	K/MCL	150-450	Cottage Health/Pacific Diagnostic Laboratories
RBC Count	8/19/2009	4.99	MILLIONS/MCL	3.90-5.40	Cottage Health/Pacific Diagnostic Laboratories
Mean Cell Volume	8/19/2009	91.60	FEMTOLITERS	80.0-100.0	Cottage Health/Pacific Diagnostic Laboratories
Mean Corpuscular Hgb	8/19/2009	31.00	PICOGRAMS	26-32	Cottage Health/Pacific Diagnostic Laboratories
Mean Corp Hgb Conc	8/19/2009	33.90	GM/DL	31-36	Cottage Health/Pacific Diagnostic Laboratories
RBC Distrib. Width	8/19/2009	12.60		11.5-15.0	Cottage Health/Pacific Diagnostic Laboratories
Mean Platelet Volume	8/19/2009	8.10	FEMTOLITERS	7.4-10.4	Cottage Health/Pacific Diagnostic Laboratories
Neutrophils (Auto)	8/19/2009	see details		1.8-6.7	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	6.8 75.2%				
Lymphocytes (Auto)	8/19/2009	see details		0.8-4.5	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	1.5 16.3%				
Monocytes (Auto)	8/19/2009	see details		0.1-1.0	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	0.6 6.3%				
Eosinophils (Auto)	8/19/2009	see details		<0.7	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	0.1 1.2%				
Basophils (Auto)	8/19/2009	see details		<0.2	Cottage Health/Pacific Diagnostic Laboratories

details Laboratories

Notes:

0.1 1.0%

ED Profile

Name	Date	Value	Units	Range	Source
Sodium Level	8/19/2009	138.00	MEQ/L	135-147	Cottage Health/Pacific Diagnostic Laboratories
Potassium Level	8/19/2009	4.10	MEQ/L	3.5-5.2	Cottage Health/Pacific Diagnostic Laboratories
Chloride Level	8/19/2009	99.00	MEQ/L	98-110	Cottage Health/Pacific Diagnostic Laboratories
Carbon Dioxide	8/19/2009	25.00	MEQ/L	24-32	Cottage Health/Pacific Diagnostic Laboratories
Anion Gap	8/19/2009	14.00	MEQ/L	5-15	Cottage Health/Pacific Diagnostic Laboratories
Urea Nitrogen	8/19/2009	16.00	MG/DL	8-25	Cottage Health/Pacific Diagnostic Laboratories
Creatinine	8/19/2009	1.20	MG/DL	0.5-1.3	Cottage Health/Pacific Diagnostic Laboratories
GFR Estimate	8/19/2009	48.00	ml/min/1.73Msq	>60	Cottage Health/Pacific Diagnostic Laboratories

Notes:

For African Americans, multiply by 1.21

Bun Creat. Ratio	8/19/2009	13.30		7.0-28.0	Cottage Health/Pacific Diagnostic Laboratories
Glucose	8/19/2009	106.00	MG/DL	75-99	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Normal fasting, 75-99 mg/dl
Impaired fasting, 100-125 mg/dl
Provisional diabetic, fasting over 125 mg/dl

Calcium Level	8/19/2009	10.30	MG/DL	8.6-10.5	Cottage Health/Pacific Diagnostic Laboratories
Phosphorus Level	8/19/2009	1.80	MG/DL	2.5-4.9	Cottage Health/Pacific Diagnostic Laboratories
Protein,Total	8/19/2009	8.00	GM/DL	6.0-8.5	Cottage Health/Pacific Diagnostic Laboratories
Albumin Level	8/19/2009	5.30	GM/DL	3.7-5.1	Cottage Health/Pacific Diagnostic

					Laboratories
Globulin	8/19/2009	2.70	GM/DL	2.0-4.1	Cottage Health/Pacific Diagnostic Laboratories
A/G	8/19/2009	2.00		1.1-2.1	Cottage Health/Pacific Diagnostic Laboratories
Bilirubin,Total	8/19/2009	1.00	MG/DL	0.2-1.5	Cottage Health/Pacific Diagnostic Laboratories
AST (SGOT)	8/19/2009	42.00	U/L	0-41	Cottage Health/Pacific Diagnostic Laboratories
ALT (SGPT)	8/19/2009	32.00	U/L	5-45	Cottage Health/Pacific Diagnostic Laboratories
Alkaline Phosphatase	8/19/2009	63.00	U/L	30-85	Cottage Health/Pacific Diagnostic Laboratories
LDH	8/19/2009	145.00	U/L	65-190	Cottage Health/Pacific Diagnostic Laboratories
Lipase	8/19/2009	28.00	U/L	22-51	Cottage Health/Pacific Diagnostic Laboratories
Magnesium Level	8/19/2009	2.00	MEQ/L	1.5-2.0	Cottage Health/Pacific Diagnostic Laboratories

Comprehensive Metabolic Panel

Name	Date	Value	Units	Range	Source
Sodium Level	8/26/2009	138.00	mEq/L	135-147	Cottage Health/Pacific Diagnostic Laboratories
Potassium Level	8/26/2009	4.40	mEq/L	3.5-5.2	Cottage Health/Pacific Diagnostic Laboratories
Chloride Level	8/26/2009	103.00	mEq/L	98-110	Cottage Health/Pacific Diagnostic Laboratories
Carbon Dioxide	8/26/2009	29.00	mEq/L	21-31	Cottage Health/Pacific Diagnostic Laboratories
Anion Gap	8/26/2009	6.00		5-15	Cottage Health/Pacific Diagnostic Laboratories
Urea Nitrogen	8/26/2009	14.00	mg/dL	8-25	Cottage Health/Pacific Diagnostic Laboratories
Creatinine	8/26/2009	1.03	mg/dL	0.10-1.40	Cottage Health/Pacific Diagnostic Laboratories
GFR Estimate	8/26/2009	57.00		> 60	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	GFR UNITS: mL/min/1.73 sq. meters IF AFRICAN-AMERICAN, MULTIPLY RESULT BY 1.210 .				
Calcium Level	8/26/2009	9.40	mg/dL	8.2-10.5	Cottage Health/Pacific Diagnostic Laboratories
Protein,Total	8/26/2009	7.20	g/dL	6.7-8.7	Cottage Health/Pacific Diagnostic Laboratories
Albumin Level	8/26/2009	4.50	g/dL	3.4-4.8	Cottage Health/Pacific Diagnostic Laboratories
Bilirubin,Total	8/26/2009	0.60	mg/dL	0.3-1.0	Cottage Health/Pacific Diagnostic Laboratories
AST (SGOT)	8/26/2009	31.00	IU/L	0-43	Cottage Health/Pacific Diagnostic Laboratories
ALT (SGPT)	8/26/2009	27.00	IU/L	3-42	Cottage Health/Pacific Diagnostic Laboratories
Alkaline Phosphatase	8/26/2009	59.00	IU/L	39-117	Cottage Health/Pacific Diagnostic Laboratories
PDL Results	8/26/2009	HIDE			Cottage Health/Pacific Diagnostic Laboratories
Glucose Random Level	8/26/2009	79.00	mg/dL	< 100	Cottage Health/Pacific Diagnostic Laboratories

Thyroid Stimulatin Horm

Name	Date	Value	Units	Range	Source
PDL Results	8/26/2009	HIDE			Cottage Health/Pacific Diagnostic Laboratories
Thyroid Stimulatin Horm	8/26/2009	2.09	uIU/mL	0.350-5.500	Cottage Health/Pacific Diagnostic Laboratories

Comprehensive Metabolic Panel

Name	Date	Value	Units	Range	Source
Sodium Level	12/4/2009	141.00	mEq/L	135-147	Cottage Health/Pacific Diagnostic Laboratories
Potassium Level	12/4/2009	4.10	mEq/L	3.5-5.2	Cottage Health/Pacific Diagnostic Laboratories
Chloride Level	12/4/2009	104.00	mEq/L	98-110	Cottage Health/Pacific Diagnostic Laboratories
Carbon Dioxide	12/4/2009	29.00	mEq/L	21-31	Cottage Health/Pacific Diagnostic Laboratories
Anion Gap	12/4/2009	8.00		5-15	Cottage Health/Pacific Diagnostic Laboratories
Urea Nitrogen	12/4/2009	18.00	mg/dL	8-25	Cottage Health/Pacific Diagnostic Laboratories
Creatinine	12/4/2009	1.03	mg/dL	0.10-1.40	Cottage Health/Pacific Diagnostic Laboratories
GFR Estimate	12/4/2009	57.00		> 60	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	GFR Units: mL/min/1.73 sq. meters If African-American, multiply result by 1.210 .				
Calcium Level	12/4/2009	10.00	mg/dL	8.2-10.5	Cottage Health/Pacific Diagnostic Laboratories
Albumin Level	12/4/2009	4.80	g/dL	3.4-4.8	Cottage Health/Pacific Diagnostic Laboratories
Bilirubin,Total	12/4/2009	0.40	mg/dL	0.3-1.0	Cottage Health/Pacific Diagnostic Laboratories
AST (SGOT)	12/4/2009	27.00	IU/L	0-43	Cottage Health/Pacific Diagnostic Laboratories
ALT (SGPT)	12/4/2009	22.00	IU/L	3-42	Cottage Health/Pacific Diagnostic Laboratories
Alkaline Phosphatase	12/4/2009	68.00	IU/L	39-117	Cottage Health/Pacific Diagnostic Laboratories

					Laboratories
PDL Results	12/4/2009 HIDE				Cottage Health/Pacific Diagnostic Laboratories
Glucose Random Level	12/4/2009	91.00	mg/dL	< 100	Cottage Health/Pacific Diagnostic Laboratories
Total Protein.	12/4/2009	7.60	g/dL	6.0-8.5	Cottage Health/Pacific Diagnostic Laboratories

Notes:

** NOTE: New, updated reference range, eff. 11.18.2009 **

Iron and Total IBC

Name	Date	Value	Units	Range	Source
Iron, Total.	12/4/2009	80.00	ug/dL	37-145	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Samples should be taken in the morning from patients in a fasting state, since Iron values decrease by 30% during the course of the day and there can be significant interference from lipemia.

Unbound IBC	12/4/2009	235.00	ug/dL	110-370	Cottage Health/Pacific Diagnostic Laboratories
Iron Binding Capacity Total, Calc.	12/4/2009	315.00	ug/dL	228-428	Cottage Health/Pacific Diagnostic Laboratories
% Iron Saturation.	12/4/2009	25.00	%	20-50	Cottage Health/Pacific Diagnostic Laboratories
PDL Results	12/4/2009 HIDE				Cottage Health/Pacific Diagnostic Laboratories

Testosterone, Free & Total.

Name	Date	Value	Units	Range	Source
PDL Results	12/4/2009	HIDE			Cottage Health/Pacific Diagnostic Laboratories
Sex Hormone Bind Glob	12/4/2009	82.30	nmol/L	18.0-114.0	Cottage Health/Pacific Diagnostic Laboratories
Testosterone Level	12/4/2009	<20	ng/dL	0-80	Cottage Health/Pacific Diagnostic Laboratories
Testosterone, Free	12/4/2009	<0.2	ng/dL	0.1-2.1	Cottage Health/Pacific Diagnostic Laboratories
Testosterone,Bio Available.	12/4/2009	<4.5	ng/dL	2.0-46.0	Cottage Health/Pacific Diagnostic Laboratories
Testosterone, Free %.	12/4/2009	<0.2	%	0.5-2.9	Cottage Health/Pacific Diagnostic Laboratories
Testosterone, Bioavailable %.	12/4/2009	<4.5	%	8.0-66.0	Cottage Health/Pacific Diagnostic Laboratories

DHEA Sulfate Level

Name	Date	Value	Units	Range	Source
PDL Results	12/4/2009	HIDE			Cottage Health/Pacific Diagnostic Laboratories
DHEA Sulfate Level	12/4/2009	83.00	ug/dL	35-430	Cottage Health/Pacific Diagnostic Laboratories

Ferritin

Name	Date	Value	Units	Range	Source
PDL Results	12/4/2009	HIDE			Cottage Health/Pacific Diagnostic Laboratories
Ferritin	12/4/2009	62.00	ng/mL	10-291	Cottage Health/Pacific Diagnostic Laboratories

Thyroid Stimulatin Horm

Name	Date	Value	Units	Range	Source
PDL Results	12/4/2009	HIDE			Cottage Health/Pacific Diagnostic Laboratories
Thyroid Stimulatin Horm	12/4/2009	2.13	uIU/mL	0.350-5.500	Cottage Health/Pacific Diagnostic Laboratories

Estradiol Level

Name	Date	Value	Units	Range	Source
PDL Results	12/4/2009	HIDE			Cottage Health/Pacific Diagnostic Laboratories
Estradiol Level	12/4/2009	19.00	pg/mL		Cottage Health/Pacific Diagnostic Laboratories

Notes:

Females, Normal Menstruating
Follicular Phase 19-247
Midcycle Peak 36-571
Luteal Phase 22-256
Postmenopausal <44

CBC with Automated Differential.

Name	Date	Value	Units	Range	Source
WBC Count	9/22/2010	4.00	K/uL	4.0-10.0	Cottage Health/Pacific Diagnostic Laboratories
Hemoglobin	9/22/2010	14.80	g/dL	11.5-15.5	Cottage Health/Pacific Diagnostic Laboratories
Hematocrit	9/22/2010	42.90	%	34.5-46.5	Cottage Health/Pacific Diagnostic Laboratories
Platelet Count	9/22/2010	219.00	K/uL	150-450	Cottage Health/Pacific Diagnostic Laboratories
RBC Count	9/22/2010	4.65	Millions/uL	3.9-5.1	Cottage Health/Pacific Diagnostic Laboratories
Mean Cell Volume	9/22/2010	92.20	fL	80-100	Cottage Health/Pacific Diagnostic Laboratories
Mean Corpuscular Hgb	9/22/2010	31.80	pg	26.0-32.0	Cottage Health/Pacific Diagnostic Laboratories
Mean Corp Hgb Conc	9/22/2010	34.50	g/dL	30.0-36.0	Cottage Health/Pacific Diagnostic Laboratories
RBC Distrib. Width	9/22/2010	12.80		11.5-15.0	Cottage Health/Pacific Diagnostic Laboratories
Mean Platelet Volume	9/22/2010	9.90	fL	7.0-10.8	Cottage Health/Pacific Diagnostic Laboratories
Differential Type	9/22/2010	see details			Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Automated Differential				
Neutrophil %	9/22/2010	44.00	%		Cottage Health/Pacific Diagnostic Laboratories
Lymph %	9/22/2010	43.00	%		Cottage Health/Pacific Diagnostic Laboratories
Monocyte %	9/22/2010	8.00	%		Cottage Health/Pacific Diagnostic Laboratories
Eosinophil %	9/22/2010	4.00	%		Cottage Health/Pacific Diagnostic Laboratories
Basophil%	9/22/2010	1.00	%		Cottage Health/Pacific Diagnostic Laboratories
Neutrophils (Auto)	9/22/2010	1.70	K/uL	1.8-6.7	Cottage Health/Pacific Diagnostic Laboratories
Lymphocytes (Auto)	9/22/2010	1.70	K/uL	1.0-4.0	Cottage Health/Pacific Diagnostic Laboratories
Monocytes (Auto)	9/22/2010	0.30	K/uL	0.1-1.0	Cottage Health/Pacific Diagnostic Laboratories
Eosinophils (Auto)	9/22/2010	0.20	K/uL	0.0-0.5	Cottage Health/Pacific Diagnostic Laboratories
Basophils (Auto)	9/22/2010	0.00	K/uL	0.0-0.2	Cottage Health/Pacific Diagnostic Laboratories

Comprehensive Metabolic Panel

Name	Date	Value	Units	Range	Source
Sodium Level	9/22/2010	139.00	mEq/L	135-147	Cottage Health/Pacific Diagnostic Laboratories
Potassium Level	9/22/2010	4.00	mEq/L	3.5-5.2	Cottage Health/Pacific Diagnostic Laboratories
Chloride Level	9/22/2010	103.00	mEq/L	98-110	Cottage Health/Pacific Diagnostic Laboratories
Carbon Dioxide	9/22/2010	31.00	mEq/L	21-32	Cottage Health/Pacific Diagnostic Laboratories
Anion Gap	9/22/2010	5.00	mEq/L	5-15	Cottage Health/Pacific Diagnostic Laboratories
Urea Nitrogen	9/22/2010	9.00	mg/dL	8-25	Cottage Health/Pacific Diagnostic Laboratories
Creatinine	9/22/2010	1.10	mg/dL	0.6-1.2	Cottage Health/Pacific Diagnostic Laboratories
GFR Estimate	9/22/2010	52.00	mL/min/1.73m2	>60	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	(NOTE) For African Americans, multiply by 1.212				
Bun Creat. Ratio	9/22/2010	8.20		7.0-28.0	Cottage Health/Pacific Diagnostic Laboratories
Glucose.	9/22/2010	83.00	mg/dL	75-99	Cottage Health/Pacific Diagnostic Laboratories
Calcium Level	9/22/2010	9.30	mg/dL	8.4-10.5	Cottage Health/Pacific Diagnostic Laboratories
Protein,Total	9/22/2010	7.40	g/dL	6.0-8.5	Cottage Health/Pacific Diagnostic Laboratories
Albumin Level	9/22/2010	4.60	g/dL	3.4-5.1	Cottage Health/Pacific Diagnostic Laboratories
Globulin	9/22/2010	2.80	g/dL	2.0-4.1	Cottage Health/Pacific Diagnostic Laboratories
A/G	9/22/2010	1.60		1.1-2.1	Cottage Health/Pacific Diagnostic Laboratories
Bilirubin,Total	9/22/2010	0.60	mg/dL	<1.5	Cottage Health/Pacific Diagnostic Laboratories
AST (SGOT)	9/22/2010	28.00	U/L	<41	Cottage Health/Pacific Diagnostic Laboratories
ALT (SGPT)	9/22/2010	22.00	U/L	<45	Cottage Health/Pacific Diagnostic Laboratories
Alkaline Phosphatase	9/22/2010	84.00	U/L	<120	Cottage Health/Pacific Diagnostic Laboratories

Sedimentation Rate.

Name	Date	Value	Units	Range	Source
Sedimentation Rate.	9/22/2010	7.00	mm/Hr	0.0-30.0	Cottage Health/Pacific Diagnostic Laboratories

Thyroid Stimulatin Horm

Name	Date	Value	Units	Range	Source
Thyroid Stimulatin Horm	9/22/2010	1.94	uIU/mL	0.350-5.500	Cottage Health/Pacific Diagnostic Laboratories

CA-125 Tumor Antigen

Name	Date	Value	Units	Range	Source
CA-125 Tumor Antigen	12/22/2010	31.00	U/mL	<35	Cottage Health/Pacific Diagnostic Laboratories

Infectious Mono

Name	Date	Value	Units	Range	Source
Infectious Mono	3/10/2011	NEGATIVE		NEG	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa Barbara, CA 93111 Lab Director: Peter L. Morris, M.D.

CBC with Automated Differential.

Name	Date	Value	Units	Range	Source
WBC Count	11/2/2011	4.30	K/uL	4.0-10.0	Cottage Health/Pacific Diagnostic Laboratories
				11.0	Cottage Health/Pacific Diagnostic

Hemoglobin	11/2/2011	14.30	g/dL	11.0-15.5	Cottage Health/Pacific Diagnostic Laboratories
Hematocrit	11/2/2011	42.60	%	33.0-46.5	Cottage Health/Pacific Diagnostic Laboratories
Platelet Count	11/2/2011	199.00	K/uL	150-450	Cottage Health/Pacific Diagnostic Laboratories
RBC Count	11/2/2011	4.64	Millions/uL	3.80-5.10	Cottage Health/Pacific Diagnostic Laboratories
Mean Cell Volume	11/2/2011	91.80	fL	80-100	Cottage Health/Pacific Diagnostic Laboratories
Mean Corpuscular Hgb	11/2/2011	30.80	pg	26.0-34.0	Cottage Health/Pacific Diagnostic Laboratories
Mean Corp Hgb Conc	11/2/2011	33.50	g/dL	30.0-36.0	Cottage Health/Pacific Diagnostic Laboratories
RBC Distrib. Width	11/2/2011	12.80		12.0-16.0	Cottage Health/Pacific Diagnostic Laboratories
Mean Platelet Volume	11/2/2011	10.80	fL	7.0-11.0	Cottage Health/Pacific Diagnostic Laboratories
Differential Type	11/2/2011	see details			Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Automated Differential				
Neutrophil %	11/2/2011	47.00	%		Cottage Health/Pacific Diagnostic Laboratories
Lymph %	11/2/2011	41.00	%		Cottage Health/Pacific Diagnostic Laboratories
Monocyte %	11/2/2011	8.00	%		Cottage Health/Pacific Diagnostic Laboratories
Eosinophil %	11/2/2011	3.00	%		Cottage Health/Pacific Diagnostic Laboratories
Basophil%	11/2/2011	1.00	%		Cottage Health/Pacific Diagnostic Laboratories
Neutrophils.	11/2/2011	2.00	K/uL	1.7-6.4	Cottage Health/Pacific Diagnostic Laboratories
Lymphocytes.	11/2/2011	1.70	K/uL	1.0-3.5	Cottage Health/Pacific Diagnostic Laboratories
Monocytes.	11/2/2011	0.30	K/uL	0.1-0.8	Cottage Health/Pacific Diagnostic Laboratories
Eosinophils.	11/2/2011	0.10	K/uL	0.0-0.4	Cottage Health/Pacific Diagnostic Laboratories
Basophils.	11/2/2011	0.00	K/uL	0.0-0.2	Cottage Health/Pacific Diagnostic Laboratories
Nucleated RBC's	11/2/2011	0.10	/100 WBC	<1	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa				

Comprehensive Metabolic Panel

Name	Date	Value	Units	Range	Source
Sodium Level	11/2/2011	142.00	mEq/L	134-146	Cottage Health/Pacific Diagnostic Laboratories
Potassium Level	11/2/2011	4.80	mEq/L	3.5-5.2	Cottage Health/Pacific Diagnostic Laboratories
Chloride Level	11/2/2011	107.00	mEq/L	98-110	Cottage Health/Pacific Diagnostic Laboratories
Carbon Dioxide	11/2/2011	31.00	mEq/L	21-32	Cottage Health/Pacific Diagnostic Laboratories
Anion Gap	11/2/2011	4.00	mEq/L	5-15	Cottage Health/Pacific Diagnostic Laboratories
Urea Nitrogen	11/2/2011	15.00	mg/dL	8-26	Cottage Health/Pacific Diagnostic Laboratories
Creatinine	11/2/2011	1.01	mg/dL	0.40-1.20	Cottage Health/Pacific Diagnostic Laboratories
GFR Estimate	11/2/2011	58.00	mL/min/1.73m2	>60	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	(NOTE) For African Americans, multiply by 1.212				
Bun Creat. Ratio	11/2/2011	14.90		7.0-28.0	Cottage Health/Pacific Diagnostic Laboratories
Glucose.	11/2/2011	92.00	mg/dL	75-99	Cottage Health/Pacific Diagnostic Laboratories
Calcium Level	11/2/2011	9.30	mg/dL	8.4-10.3	Cottage Health/Pacific Diagnostic Laboratories
Protein,Total	11/2/2011	7.10	g/dL	6.3-8.5	Cottage Health/Pacific Diagnostic Laboratories
Albumin Level	11/2/2011	4.40	g/dL	3.7-5.0	Cottage Health/Pacific Diagnostic Laboratories
Globulin	11/2/2011	2.70	g/dL	2.0-4.1	Cottage Health/Pacific Diagnostic Laboratories
A/G	11/2/2011	1.60		1.1-2.1	Cottage Health/Pacific Diagnostic Laboratories
Bilirubin,Total	11/2/2011	0.50	mg/dL	<1.4	Cottage Health/Pacific Diagnostic Laboratories
AST (SGOT)	11/2/2011	35.00	U/L	<40	Cottage Health/Pacific Diagnostic Laboratories

ALT (SGPT)	11/2/2011	35.00	U/L	<35	Cottage Health/Pacific Diagnostic Laboratories
Alkaline Phosphatase	11/2/2011	68.00	U/L	<135	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.

CHD (Lipid) Panel

Name	Date	Value	Units	Range	Source
Triglyceride	11/2/2011	69.00	mg/dl	<150	Cottage Health/Pacific Diagnostic Laboratories
HDL-Cholesterol	11/2/2011	98.00	mg/dL	>40	Cottage Health/Pacific Diagnostic Laboratories
Non HDL Cholesterol.	11/2/2011	138.00	mg/dL	<130	Cottage Health/Pacific Diagnostic Laboratories
LDL-Cholesterol	11/2/2011	124.00	mg/dL	<100	Cottage Health/Pacific Diagnostic Laboratories
VLDL-Cholesterol	11/2/2011	14.00	mg/dL	7-35	Cottage Health/Pacific Diagnostic Laboratories
Chol/HDLC Ratio	11/2/2011	2.40		<5.0	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.

Cholesterol LIPID Pnl	11/2/2011	236.00	mg/dL	<200	Cottage Health/Pacific Diagnostic Laboratories

Thyroid Stimulating Hormone

Name	Date	Value	Units	Range	Source
Thyroid Stimulating Hormone	11/2/2011	2.89	uIU/mL	0.350-5.500	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa
Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.

UA with Culture.

Name	Date	Value	Units	Range	Source
Urine Color.	1/9/2013	Yellow		YELLOW	Cottage Health/Pacific Diagnostic Laboratories
Urine Clarity.	1/9/2013	Clear		CLEAR	Cottage Health/Pacific Diagnostic Laboratories
Specific Gravity, Urine	1/9/2013	1.02		1.005-1.030	Cottage Health/Pacific Diagnostic Laboratories
pH Urine	1/9/2013	7.00		4.6-8.0	Cottage Health/Pacific Diagnostic Laboratories
Protein Urine dipstick	1/9/2013	NEGATIVE	mg/dL	NEG	Cottage Health/Pacific Diagnostic Laboratories
Glucose Urine	1/9/2013	NEGATIVE	mg/dL	NEG	Cottage Health/Pacific Diagnostic Laboratories
Urine Ketones	1/9/2013	NEGATIVE	mg/dL	NEG	Cottage Health/Pacific Diagnostic Laboratories
Bilirubin Urine	1/9/2013	NEGATIVE		NEG	Cottage Health/Pacific Diagnostic Laboratories
Urobilinogen Urine	1/9/2013	0.20	EU/dL	0.2-1.0	Cottage Health/Pacific Diagnostic Laboratories
Occult Blood Urine	1/9/2013	NEGATIVE		NEG	Cottage Health/Pacific Diagnostic Laboratories
Leuk Esterase Urine	1/9/2013	NEGATIVE		NEG	Cottage Health/Pacific Diagnostic Laboratories
Nitrite Urine	1/9/2013	NEGATIVE		NEG	Cottage Health/Pacific Diagnostic Laboratories
Exam Description	1/9/2013	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

Urine Microscopic

RBC Urine	1/9/2013	<4	/hpf	BELOW4	Cottage Health/Pacific Diagnostic Laboratories
WBC Urine	1/9/2013	<6	/hpf	BELOW6	Cottage Health/Pacific Diagnostic

WBC Urine	1/9/2013	<6	/hpf	BELOW6	Laboratories
Bacteria,Urine	1/9/2013	NONE	/hpf	NONE	Cottage Health/Pacific Diagnostic Laboratories
Epith. Cell Urine	1/9/2013	NONE	/hpf	NONE	Cottage Health/Pacific Diagnostic Laboratories
Hyaline Casts.	1/9/2013	<4	/lpf	BELOW4	Cottage Health/Pacific Diagnostic Laboratories
Pathological Casts.	1/9/2013	NONE	/lpf	NONE	Cottage Health/Pacific Diagnostic Laboratories
Crystal Urine	1/9/2013	NONE	/hpf	NONE	Cottage Health/Pacific Diagnostic Laboratories
Small Round Cells	1/9/2013	<2	/hpf	BELOW2	Cottage Health/Pacific Diagnostic Laboratories
Urine Yeast/Mycelium	1/9/2013	NONE	/hpf	NONE	Cottage Health/Pacific Diagnostic Laboratories
Urine Culture If Indicated	1/9/2013	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

Reflex Urine Culture is not indicated
Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.

CBC with Automated Differential.

Name	Date	Value	Units	Range	Source
WBC Count	1/9/2013	4.60	K/uL	4.0-10.0	Cottage Health/Pacific Diagnostic Laboratories
Hemoglobin	1/9/2013	14.00	g/dL	11.0-15.5	Cottage Health/Pacific Diagnostic Laboratories
Hematocrit	1/9/2013	42.60	%	33.0-46.5	Cottage Health/Pacific Diagnostic Laboratories
Platelet Count	1/9/2013	227.00	K/uL	150-450	Cottage Health/Pacific Diagnostic Laboratories
RBC Count	1/9/2013	4.68	Millions/uL	3.80-5.10	Cottage Health/Pacific Diagnostic Laboratories
Mean Cell Volume	1/9/2013	91.10	fL	80-100	Cottage Health/Pacific Diagnostic Laboratories
Mean Corpuscular Hgb	1/9/2013	29.90	pg	26.0-34.0	Cottage Health/Pacific Diagnostic Laboratories
Mean Corp Hgb Conc	1/9/2013	32.90	g/dL	30.0-36.0	Cottage Health/Pacific Diagnostic Laboratories
				12.0	Cottage Health/Pacific Diagnostic

RBC Distrib. Width	1/9/2013	13.00	%	12.0-16.0	Cottage Health/Pacific Diagnostic Laboratories
Mean Platelet Volume	1/9/2013	10.80	fL	7.0-11.0	Cottage Health/Pacific Diagnostic Laboratories
Differential Type	1/9/2013	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

Automated Differential

Neutrophil %	1/9/2013	52.00	%		Cottage Health/Pacific Diagnostic Laboratories
Lymph %	1/9/2013	37.00	%		Cottage Health/Pacific Diagnostic Laboratories
Monocyte %	1/9/2013	8.00	%		Cottage Health/Pacific Diagnostic Laboratories
Eosinophil %	1/9/2013	2.00	%		Cottage Health/Pacific Diagnostic Laboratories
Basophil%	1/9/2013	1.00	%		Cottage Health/Pacific Diagnostic Laboratories
Neutrophils.	1/9/2013	2.40	K/uL	1.7-6.4	Cottage Health/Pacific Diagnostic Laboratories
Lymphocytes.	1/9/2013	1.70	K/uL	1.0-3.5	Cottage Health/Pacific Diagnostic Laboratories
Monocytes.	1/9/2013	0.40	K/uL	0.1-0.8	Cottage Health/Pacific Diagnostic Laboratories
Eosinophils.	1/9/2013	0.10	K/uL	0.0-0.4	Cottage Health/Pacific Diagnostic Laboratories
Basophils.	1/9/2013	0.10	K/uL	0.0-0.2	Cottage Health/Pacific Diagnostic Laboratories
Nucleated RBC's	1/9/2013	0.00	/100 WBC	<1	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.

Comprehensive Metabolic Panel

Name	Date	Value	Units	Range	Source
Sodium Level	1/9/2013	142.00	mEq/L	134-146	Cottage Health/Pacific Diagnostic Laboratories
Potassium Level	1/9/2013	4.40	mEq/L	3.5-5.2	Cottage Health/Pacific Diagnostic Laboratories

Chloride Level	1/9/2013 109.00	mEq/L	98-110	Cottage Health/Pacific Diagnostic Laboratories
Carbon Dioxide	1/9/2013 27.00	mEq/L	21-32	Cottage Health/Pacific Diagnostic Laboratories
Anion Gap	1/9/2013 6.00	mEq/L	5-15	Cottage Health/Pacific Diagnostic Laboratories
Urea Nitrogen	1/9/2013 11.00	mg/dL	8-26	Cottage Health/Pacific Diagnostic Laboratories
Creatinine	1/9/2013 0.86	mg/dL	0.40-1.20	Cottage Health/Pacific Diagnostic Laboratories
GFR Estimate	1/9/2013 >60	mL/min/1.73m2	>60	Cottage Health/Pacific Diagnostic Laboratories

Notes:

(NOTE)
For African Americans, multiply by 1.212

Bun Creat. Ratio	1/9/2013 12.80		7.0-28.0	Cottage Health/Pacific Diagnostic Laboratories
Glucose.	1/9/2013 93.00	mg/dL	75-99	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Normal fasting, 75-99 mg/dL
Impaired fasting, 100-125 mg/dL
Provisional diabetic, fasting over 125 mg/dL
Non fasting, 75-140 mg/dL

Calcium Level	1/9/2013 9.30	mg/dL	8.4-10.3	Cottage Health/Pacific Diagnostic Laboratories
Protein,Total	1/9/2013 6.60	g/dL	6.3-8.5	Cottage Health/Pacific Diagnostic Laboratories
Albumin Level	1/9/2013 4.20	g/dL	3.7-5.0	Cottage Health/Pacific Diagnostic Laboratories
Globulin	1/9/2013 2.40	g/dL	2.0-4.1	Cottage Health/Pacific Diagnostic Laboratories
A/G	1/9/2013 1.80		1.1-2.1	Cottage Health/Pacific Diagnostic Laboratories
Bilirubin,Total	1/9/2013 0.40	mg/dL	<1.4	Cottage Health/Pacific Diagnostic Laboratories
AST (SGOT)	1/9/2013 29.00	U/L	<43	Cottage Health/Pacific Diagnostic Laboratories
ALT (SGPT)	1/9/2013 18.00	U/L	<45	Cottage Health/Pacific Diagnostic Laboratories
Alkaline Phosphatase	1/9/2013 75.00	U/L	<135	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.

CHD (Lipid) Panel

Name	Date	Value	Units	Range	Source
Triglyceride	1/9/2013	77.00	mg/dl	<150	Cottage Health/Pacific Diagnostic Laboratories
HDL-Cholesterol	1/9/2013	90.00	mg/dL	>40	Cottage Health/Pacific Diagnostic Laboratories
Non HDL Cholesterol.	1/9/2013	135.00	mg/dL	<130	Cottage Health/Pacific Diagnostic Laboratories
LDL-Cholesterol	1/9/2013	120.00	mg/dL	<100	Cottage Health/Pacific Diagnostic Laboratories
VLDL-Cholesterol	1/9/2013	15.00	mg/dL	7-35	Cottage Health/Pacific Diagnostic Laboratories
Chol/HDLC Ratio	1/9/2013	2.50		<5.0	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.				
Cholesterol LIPID Pnl	1/9/2013	225.00	mg/dL	<200	Cottage Health/Pacific Diagnostic Laboratories

Thyroid Stimulating Hormone

Name	Date	Value	Units	Range	Source
Thyroid Stimulating Hormone	1/9/2013	1.78	uIU/mL	0.350-5.500	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa
Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.

C Reactive Protein mg/L

Name	Date	Value	Units	Range	Source
C Reactive Protein mg/L	1/14/2013	<4.0	mg/L	<10.0	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa
Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.

Sedimentation Rate.

Name	Date	Value	Units	Range	Source
Sedimentation Rate.	1/14/2013	5.00	mm/Hr	0.0-30.0	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.

CBC with Automated Differential.

Name	Date	Value	Units	Range	Source
WBC Count	10/23/2013	4.00	K/uL	4.0-10.0	Cottage Health/Pacific Diagnostic Laboratories
Hemoglobin	10/23/2013	15.30	g/dL	11.0-15.5	Cottage Health/Pacific Diagnostic Laboratories
Hematocrit	10/23/2013	45.00	%	33.0-46.5	Cottage Health/Pacific Diagnostic Laboratories
Platelet Count	10/23/2013	196.00	K/uL	150-450	Cottage Health/Pacific Diagnostic Laboratories
RBC Count	10/23/2013	4.94	Millions/uL	3.80-5.10	Cottage Health/Pacific Diagnostic Laboratories
Mean Cell Volume	10/23/2013	91.10	fL	80-100	Cottage Health/Pacific Diagnostic Laboratories
Mean Corpuscular Hgb	10/23/2013	30.90	pg	26.0-34.0	Cottage Health/Pacific Diagnostic Laboratories
Mean Corp Hgb Conc	10/23/2013	33.90	g/dL	30.0-36.0	Cottage Health/Pacific Diagnostic Laboratories
RBC Distrib. Width	10/23/2013	13.10	%	12.0-16.0	Cottage Health/Pacific Diagnostic Laboratories
Mean Platelet Volume	10/23/2013	10.50	fL	7.0-11.0	Cottage Health/Pacific Diagnostic Laboratories
Differential Type	10/23/2013	see details			Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Automated Differential				
Neutrophil %	10/23/2013	50.00	%		Cottage Health/Pacific Diagnostic Laboratories
Lymph %	10/23/2013	37.00	%		Cottage Health/Pacific Diagnostic Laboratories
Monocyte %	10/23/2013	9.00	%		Cottage Health/Pacific Diagnostic Laboratories
Eosinophil %	10/23/2013	3.00	%		Cottage Health/Pacific Diagnostic Laboratories
Basophil%	10/23/2013	1.00	%		Cottage Health/Pacific Diagnostic Laboratories
Neutrophils.	10/23/2013	2.00	K/uL	1.7-6.4	Cottage Health/Pacific Diagnostic Laboratories
Lymphocytes.	10/23/2013	1.50	K/uL	1.0-3.5	Cottage Health/Pacific Diagnostic Laboratories
Monocytes.	10/23/2013	0.40	K/uL	0.1-0.8	Cottage Health/Pacific Diagnostic Laboratories
Eosinophils.	10/23/2013	0.10	K/uL	0.0-0.4	Cottage Health/Pacific Diagnostic Laboratories
Basophils.	10/23/2013	0.00	K/uL	0.0-0.2	Cottage Health/Pacific Diagnostic

Basophils	10/23/2013	0.00	K/uL	0.0-0.2	Laboratories
Nucleated RBC's	10/23/2013	0.10	/100 WBC	<1	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.

Comprehensive Metabolic Panel

Name	Date	Value	Units	Range	Source
Sodium Level	10/23/2013	141.00	mEq/L	134-146	Cottage Health/Pacific Diagnostic Laboratories
Potassium Level	10/23/2013	4.30	mEq/L	3.5-5.2	Cottage Health/Pacific Diagnostic Laboratories
Chloride Level	10/23/2013	105.00	mEq/L	98-110	Cottage Health/Pacific Diagnostic Laboratories
Carbon Dioxide	10/23/2013	28.00	mEq/L	21-32	Cottage Health/Pacific Diagnostic Laboratories
Anion Gap	10/23/2013	8.00	mEq/L	5-15	Cottage Health/Pacific Diagnostic Laboratories
Urea Nitrogen	10/23/2013	14.00	mg/dL	8-26	Cottage Health/Pacific Diagnostic Laboratories
Creatinine	10/23/2013	0.87	mg/dL	0.40-1.20	Cottage Health/Pacific Diagnostic Laboratories
GFR Estimate	10/23/2013	>60	mL/min/1.73m2	>60	Cottage Health/Pacific Diagnostic Laboratories

Notes:

(NOTE)
For African Americans, multiply by 1.212

Bun Creat. Ratio	10/23/2013	16.10		7.0-28.0	Cottage Health/Pacific Diagnostic Laboratories
Glucose.	10/23/2013	95.00	mg/dL	75-99	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Normal fasting, 75-99 mg/dL
Impaired fasting, 100-125 mg/dL
Provisional diabetic, fasting over 125 mg/dL
Non fasting, 75-140 mg/dL

Calcium Level	10/23/2013	9.40	mg/dL	8.4-10.3	Cottage Health/Pacific Diagnostic Laboratories
Protein,Total	10/23/2013	7.10	g/dL	6.3-8.5	Cottage Health/Pacific Diagnostic Laboratories

Albumin Level	10/23/2013	4.50	g/dL	3.7-5.0	Cottage Health/Pacific Diagnostic Laboratories
Globulin	10/23/2013	2.60	g/dL	2.0-4.1	Cottage Health/Pacific Diagnostic Laboratories
A/G	10/23/2013	1.70		1.1-2.1	Cottage Health/Pacific Diagnostic Laboratories
Bilirubin,Total	10/23/2013	0.50	mg/dL	<1.4	Cottage Health/Pacific Diagnostic Laboratories
AST (SGOT)	10/23/2013	29.00	U/L	<43	Cottage Health/Pacific Diagnostic Laboratories
ALT (SGPT)	10/23/2013	25.00	U/L	<45	Cottage Health/Pacific Diagnostic Laboratories
Alkaline Phosphatase	10/23/2013	77.00	U/L	<135	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.

C Reactive Protein mg/L

Name	Date	Value	Units	Range	Source
C Reactive Protein mg/L	10/23/2013	<4.0	mg/L	<10.0	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa
Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.

Sedimentation Rate.

Name	Date	Value	Units	Range	Source
Sedimentation Rate.	10/23/2013	3.00	mm/Hr	0.0-30.0	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.

Thyroid Reflex Panel

Name	Date	Value	Units	Range	Source
Thyroid Stimulating Hormone	10/23/2013	2.89	uIU/mL	0.350-5.500	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Reflex testing not indicated
Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa
Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.

CBC with Automated Differential.

Name	Date	Value	Units	Range	Source
WBC Count	4/2/2014	4.20	K/uL	4.0-10.0	Cottage Health/Pacific Diagnostic Laboratories
Hemoglobin	4/2/2014	14.30	g/dL	11.0-15.5	Cottage Health/Pacific Diagnostic Laboratories
Hematocrit	4/2/2014	41.80	%	33.0-46.5	Cottage Health/Pacific Diagnostic Laboratories
Platelet Count	4/2/2014	201.00	K/uL	150-450	Cottage Health/Pacific Diagnostic Laboratories
RBC Count	4/2/2014	4.69	Millions/uL	3.80-5.10	Cottage Health/Pacific Diagnostic Laboratories

				3.10	Laboratories
Mean Cell Volume	4/2/2014	89.00	fL	80-100	Cottage Health/Pacific Diagnostic Laboratories
Mean Corpuscular Hgb	4/2/2014	30.40	pg	26.0-34.0	Cottage Health/Pacific Diagnostic Laboratories
Mean Corp Hgb Conc	4/2/2014	34.20	g/dL	30.0-36.0	Cottage Health/Pacific Diagnostic Laboratories
RBC Distrib. Width	4/2/2014	12.80	%	12.0-16.0	Cottage Health/Pacific Diagnostic Laboratories
Mean Platelet Volume	4/2/2014	10.00	fL	7.0-11.0	Cottage Health/Pacific Diagnostic Laboratories
Differential Type	4/2/2014	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

Automated Differential

Neutrophil %	4/2/2014	43.00	%		Cottage Health/Pacific Diagnostic Laboratories
Lymph %	4/2/2014	43.00	%		Cottage Health/Pacific Diagnostic Laboratories
Monocyte %	4/2/2014	9.00	%		Cottage Health/Pacific Diagnostic Laboratories
Eosinophil %	4/2/2014	3.00	%		Cottage Health/Pacific Diagnostic Laboratories
Basophil%	4/2/2014	2.00	%		Cottage Health/Pacific Diagnostic Laboratories
Neutrophils.	4/2/2014	1.80	K/uL	1.7-6.4	Cottage Health/Pacific Diagnostic Laboratories
Lymphocytes.	4/2/2014	1.80	K/uL	1.0-3.5	Cottage Health/Pacific Diagnostic Laboratories
Monocytes.	4/2/2014	0.40	K/uL	0.1-0.8	Cottage Health/Pacific Diagnostic Laboratories
Eosinophils.	4/2/2014	0.10	K/uL	0.0-0.4	Cottage Health/Pacific Diagnostic Laboratories
Basophils.	4/2/2014	0.10	K/uL	0.0-0.2	Cottage Health/Pacific Diagnostic Laboratories
Nucleated RBC's	4/2/2014	0.10	/100 WBC	<1	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.

Name	Date	Value	Units	Range	Source
Sodium Level	4/2/2014	141.00	mmol/L	134-146	Cottage Health/Pacific Diagnostic Laboratories
Potassium Level	4/2/2014	4.30	mmol/L	3.5-5.2	Cottage Health/Pacific Diagnostic Laboratories
Chloride Level	4/2/2014	104.00	mmol/L	98-110	Cottage Health/Pacific Diagnostic Laboratories
Carbon Dioxide	4/2/2014	29.00	mmol/L	21-32	Cottage Health/Pacific Diagnostic Laboratories
Anion Gap	4/2/2014	8.00	mmol/L	5-15	Cottage Health/Pacific Diagnostic Laboratories
Urea Nitrogen	4/2/2014	12.00	mg/dL	8-26	Cottage Health/Pacific Diagnostic Laboratories
Creatinine	4/2/2014	0.85	mg/dL	0.40-1.20	Cottage Health/Pacific Diagnostic Laboratories
GFR Estimate	4/2/2014	>60	mL/min/1.73m2	>60	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	(NOTE) For African Americans, multiply by 1.212				
Bun Creat. Ratio	4/2/2014	14.10		7.0-28.0	Cottage Health/Pacific Diagnostic Laboratories
Glucose.	4/2/2014	75.00	mg/dL	75-99	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Normal fasting, 75-99 mg/dL Impaired fasting, 100-125 mg/dL Provisional diabetic, fasting over 125 mg/dL Non fasting, 75-140 mg/dL				
Calcium Level	4/2/2014	9.30	mg/dL	8.4-10.3	Cottage Health/Pacific Diagnostic Laboratories
Protein,Total	4/2/2014	6.80	g/dL	6.3-8.5	Cottage Health/Pacific Diagnostic Laboratories
Albumin Level	4/2/2014	4.30	g/dL	3.7-5.0	Cottage Health/Pacific Diagnostic Laboratories
Globulin	4/2/2014	2.50	g/dL	2.0-4.1	Cottage Health/Pacific Diagnostic Laboratories
A/G	4/2/2014	1.70		1.1-2.1	Cottage Health/Pacific Diagnostic Laboratories
Bilirubin,Total	4/2/2014	0.80	mg/dL	<1.4	Cottage Health/Pacific Diagnostic Laboratories
AST (SGOT)	4/2/2014	36.00	U/L	<43	Cottage Health/Pacific Diagnostic Laboratories

					Laboratories
ALT (SGPT)	4/2/2014	25.00	U/L	<45	Cottage Health/Pacific Diagnostic Laboratories
Alkaline Phosphatase	4/2/2014	85.00	U/L	<135	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.

Thyroid Reflex Panel

Name	Date	Value	Units	Range	Source
Thyroid Stimulating Hormone	4/2/2014	1.61	uIU/mL	0.350-5.500	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Reflex testing not indicated
Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa
Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.

Ova and Parasite Study, Stool

Name	Date	Value	Units	Range	Source
Ova and Parasite Study, Stool	10/22/2014	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

Specimen Description:
STOOL (CL)
Special Requests:
REQ SAYS PT NOT RECEIVING ANTIBIOTICS (CL)
Ova & Parasites:
NO PARASITES FOUND ON ROUTINE STUDY. PLEASE WRITE SPECIFIC ORDER FOR UNUSUAL
PARASITES. (CL)
Report Status Micro:
FINAL 10/23/2014 (CL)
Performing Lab:
Performing Lab appears in parentheses at the end of each result:
CL = Pacific Diagnostic Laboratories Core Lab, 454 S. Patterson Ave., Santa Barbara, CA 93111 Laboratory Director: John C. Blaustein, MD

Cryptosporidium DFA

Name	Date	Value	Units	Range	Source
Cryptosporidium DFA	10/22/2014	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

Specimen Description:
STOOL (CL)
Special Requests:
REQ SAYS PT NOT RECEIVING ANTIBIOTICS (CL)
Cryptosporidium DFA.:
NO CRYPTOSPORIDIUM OOCYSTS DETECTED BY DFA (CL)
Report Status Micro:
FINAL 10/23/2014 (CL)
Performing Lab:
Performing Lab appears in parentheses at the end of each result:
CL = Pacific Diagnostic Laboratories Core Lab, 454 S. Patterson Ave., Santa Barbara, CA 93111 Laboratory Director: John C. Blaustein, MD

Giardia DFA

Name	Date	Value	Units	Range	Source
Giardia DFA	10/22/2014	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

Specimen Description:
STOOL (CL)
Special Requests:
REQ SAYS PT NOT RECEIVING ANTIBIOTICS (CL)
Giardia lamblia DFA:
NEGATIVE FOR GIARDIA LAMBLIA CYSTS DETECTED BY DFA (CL)
Report Status Micro:
FINAL 10/23/2014 (CL)
Performing Lab:
Performing Lab appears in parentheses at the end of each result:
CL = Pacific Diagnostic Laboratories Core Lab, 454 S. Patterson Ave., Santa Barbara, CA 93111 Laboratory Director: John C. Blaustein, MD

CBC with Automated Differential.

Name	Date	Value	Units	Range	Source
WBC Count	9/16/2015	4.30	K/uL	4.0-10.0	Cottage Health/Pacific Diagnostic Laboratories
Hemoglobin	9/16/2015	13.90	g/dL	11.0-15.5	Cottage Health/Pacific Diagnostic Laboratories
Hematocrit	9/16/2015	41.90	%	33.0-46.5	Cottage Health/Pacific Diagnostic Laboratories
Platelet Count	9/16/2015	203.00	K/uL	150-450	Cottage Health/Pacific Diagnostic Laboratories
RBC Count	9/16/2015	4.65	Millions/uL	3.80-5.10	Cottage Health/Pacific Diagnostic Laboratories
Mean Cell Vol	9/16/2015	90.20	fL	80-100	Cottage Health/Pacific Diagnostic

Mean Cell Volume	9/16/2015	90.20	fL	80-100	Laboratories
Mean Corpuscular Hgb	9/16/2015	30.00	pg	26.0-34.0	Cottage Health/Pacific Diagnostic Laboratories
Mean Corp Hgb Conc	9/16/2015	33.20	g/dL	30.0-36.0	Cottage Health/Pacific Diagnostic Laboratories
RBC Distrib. Width	9/16/2015	12.90	%	12.0-16.0	Cottage Health/Pacific Diagnostic Laboratories
Mean Platelet Volume	9/16/2015	9.80	fL	7.0-11.0	Cottage Health/Pacific Diagnostic Laboratories
Differential Type	9/16/2015	see details			Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Automated Differential				
Neutrophil %	9/16/2015	43.00	%		Cottage Health/Pacific Diagnostic Laboratories
Lymph %	9/16/2015	44.00	%		Cottage Health/Pacific Diagnostic Laboratories
Monocyte %	9/16/2015	10.00	%		Cottage Health/Pacific Diagnostic Laboratories
Eosinophil %	9/16/2015	2.00	%		Cottage Health/Pacific Diagnostic Laboratories
Basophil%	9/16/2015	1.00	%		Cottage Health/Pacific Diagnostic Laboratories
Neutrophils.	9/16/2015	1.80	K/uL	1.7-6.4	Cottage Health/Pacific Diagnostic Laboratories
Lymphocytes.	9/16/2015	1.90	K/uL	1.0-3.5	Cottage Health/Pacific Diagnostic Laboratories
Monocytes.	9/16/2015	0.40	K/uL	0.1-0.8	Cottage Health/Pacific Diagnostic Laboratories
Basophils.	9/16/2015	0.00	K/uL	0.0-0.2	Cottage Health/Pacific Diagnostic Laboratories
Eosinophil, Absolute	9/16/2015	0.10	K/uL	0.0-0.4	Cottage Health/Pacific Diagnostic Laboratories
Nucleated RBC's	9/16/2015	0.00	/100 WBC	<1	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.				
OBSERVATION	9/16/2015	see details			Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	PERLAB Performing Lab: CL = PDL Core Lab, 454 S. Patterson Ave., 93111 Director: John Blaustein, MD				

Comprehensive Metabolic Panel

Name	Date	Value	Units	Range	Source
Sodium Level	9/16/2015	144.00	mmol/L	134-146	Cottage Health/Pacific Diagnostic Laboratories
Potassium Level	9/16/2015	4.20	mmol/L	3.5-5.2	Cottage Health/Pacific Diagnostic Laboratories
Chloride Level	9/16/2015	108.00	mmol/L	98-110	Cottage Health/Pacific Diagnostic Laboratories
Carbon Dioxide	9/16/2015	29.00	mmol/L	21-32	Cottage Health/Pacific Diagnostic Laboratories
Anion Gap	9/16/2015	7.00	mmol/L	5-15	Cottage Health/Pacific Diagnostic Laboratories
Urea Nitrogen	9/16/2015	12.00	mg/dL	8-26	Cottage Health/Pacific Diagnostic Laboratories
Creatinine	9/16/2015	0.95	mg/dL	0.40-1.20	Cottage Health/Pacific Diagnostic Laboratories
GFR Estimate	9/16/2015	>60	mL/min/1.73m2	>60	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	(NOTE) For African Americans, multiply by 1.212				
Bun Creat. Ratio	9/16/2015	12.60		7.0-28.0	Cottage Health/Pacific Diagnostic Laboratories
Glucose.	9/16/2015	86.00	mg/dL	75-99	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Normal fasting, 75-99 mg/dL Impaired fasting, 100-125 mg/dL Provisional diabetic, fasting over 125 mg/dL Non fasting, 75-140 mg/dL				
Calcium Level	9/16/2015	9.20	mg/dL	8.4-10.3	Cottage Health/Pacific Diagnostic Laboratories
Protein,Total	9/16/2015	6.60	g/dL	6.3-8.5	Cottage Health/Pacific Diagnostic Laboratories
Albumin Level	9/16/2015	4.10	g/dL	3.7-5.0	Cottage Health/Pacific Diagnostic Laboratories
Globulin	9/16/2015	2.50	g/dL	2.0-4.1	Cottage Health/Pacific Diagnostic Laboratories

A/G	9/16/2015	1.60		1.1-2.1	Cottage Health/Pacific Diagnostic Laboratories
Bilirubin,Total	9/16/2015	0.70	mg/dL	<1.4	Cottage Health/Pacific Diagnostic Laboratories
AST (SGOT)	9/16/2015	26.00	U/L	<43	Cottage Health/Pacific Diagnostic Laboratories
ALT (SGPT)	9/16/2015	16.00	U/L	<45	Cottage Health/Pacific Diagnostic Laboratories
Alkaline Phosphatase	9/16/2015	77.00	U/L	<135	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.

OBSERVATION	9/16/2015	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

PERLAB Performing Lab:
CL = PDL Core Lab, 454 S. Patterson Ave., 93111 Director: John Blaustein, MD

C Reactive Protein mg/L

Name	Date	Value	Units	Range	Source
C Reactive Protein mg/L	9/16/2015	<4.0	mg/L	<10.0	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa
Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.

OBSERVATION	9/16/2015	see details	Cottage Health/Pacific Diagnostic Laboratories

Notes:

PERLAB Performing Lab:
CL = PDL Core Lab, 454 S. Patterson
Ave., 93111 Director: John Blaustein, MD

Sedimentation Rate.

Name	Date	Value	Units	Range	Source
Sedimentation Rate.	9/16/2015	2.00	mm/Hr	0.0-30.0	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.

OBSERVATION	9/16/2015	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

PERLAB Performing Lab:
CL = PDL Core Lab, 454 S. Patterson Ave., 93111 Director: John Blaustein, MD

CHD (Lipid) Panel

Name	Date	Value	Units	Range	Source
Triglyceride	9/16/2015	102.00	mg/dL	<150	Cottage Health/Pacific Diagnostic Laboratories
HDL-Cholesterol	9/16/2015	92.00	mg/dL	>40	Cottage Health/Pacific Diagnostic Laboratories
Non HDL Cholesterol.	9/16/2015	155.00	mg/dL	<130	Cottage Health/Pacific Diagnostic Laboratories
LDL-Cholesterol	9/16/2015	135.00	mg/dL	<100	Cottage Health/Pacific Diagnostic Laboratories
VLDL-Cholesterol	9/16/2015	20.00	mg/dL	7-35	Cottage Health/Pacific Diagnostic Laboratories
Chol/HDLC Ratio	9/16/2015	2.70		<5.0	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.				
Cholesterol LIPID Pnl	9/16/2015	247.00	mg/dL	<200	Cottage Health/Pacific Diagnostic Laboratories
OBSERVATION	9/16/2015	see details			Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	PERLAB Performing Lab: CL = PDL Core Lab, 454 S. Patterson Ave., 93111 Director: John Blaustein, MD				

UA with Culture.

Name	Date	Value	Units	Range	Source
Urine Color.	9/16/2015	Yellow		YELLOW	Cottage Health/Pacific Diagnostic Laboratories
Urine Clarity.	9/16/2015	Clear		CLEAR	Cottage Health/Pacific Diagnostic Laboratories
Specific Gravity, Urine	9/16/2015	1.02		1.005-1.030	Cottage Health/Pacific Diagnostic Laboratories
pH Urine	9/16/2015	6.00		4.6-8.0	Cottage Health/Pacific Diagnostic

pH Urine	9/16/2015 6.00		4.6-8.0	Laboratories
Protein Urine dipstick	9/16/2015 NEGATIVE	mg/dL	NEG	Cottage Health/Pacific Diagnostic Laboratories
Glucose Urine	9/16/2015 NEGATIVE	mg/dL	NEG	Cottage Health/Pacific Diagnostic Laboratories
Urine Ketones	9/16/2015 NEGATIVE	mg/dL	NEG	Cottage Health/Pacific Diagnostic Laboratories
Bilirubin Urine	9/16/2015 NEGATIVE		NEG	Cottage Health/Pacific Diagnostic Laboratories
Urobilinogen Urine	9/16/2015 0.20	EU/dL	0.2-1.0	Cottage Health/Pacific Diagnostic Laboratories
Occult Blood Urine	9/16/2015 NEGATIVE		NEG	Cottage Health/Pacific Diagnostic Laboratories
Leuk Esterase Urine	9/16/2015 NEGATIVE		NEG	Cottage Health/Pacific Diagnostic Laboratories
Nitrite Urine	9/16/2015 NEGATIVE		NEG	Cottage Health/Pacific Diagnostic Laboratories
Exam Description	9/16/2015 see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

Urine Microscopic

RBC Urine	9/16/2015 <3	/hpf	BELOW3	Cottage Health/Pacific Diagnostic Laboratories
WBC Urine	9/16/2015 <6	/hpf	BELOW6	Cottage Health/Pacific Diagnostic Laboratories
Bacteria,Urine	9/16/2015 NONE	/hpf	NONE	Cottage Health/Pacific Diagnostic Laboratories
Epith. Cell Urine	9/16/2015 NONE	/hpf	NONE	Cottage Health/Pacific Diagnostic Laboratories
Hyaline Casts.	9/16/2015 <4	/lpf	BELOW4	Cottage Health/Pacific Diagnostic Laboratories
Pathological Casts.	9/16/2015 NONE	/lpf	NONE	Cottage Health/Pacific Diagnostic Laboratories
Crystal Urine	9/16/2015 NONE	/hpf	NONE	Cottage Health/Pacific Diagnostic Laboratories
Small Round Cells	9/16/2015 <2	/hpf	BELOW2	Cottage Health/Pacific Diagnostic Laboratories
Urine Yeast/Mycelium	9/16/2015 NONE	/hpf	NONE	Cottage Health/Pacific Diagnostic Laboratories
Urine Culture If Indicated	9/16/2015 see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

Reflex Urine Culture is not indicated
Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.

Cottage Health/Pacific Diagnostic

OBSERVATION	9/16/2015 see details	Cottage Health/Pacific Diagnostic Laboratories

Notes:

PERLAB Performing Lab:
CL = PDL Core Lab, 454 S. Patterson Ave., 93111 Director: John Blaustein, MD

Thyroid Reflex Panel

Name	Date	Value	Units	Range	Source
Thyroid Stimulating Hormone	9/16/2015	2.12	uIU/mL	0.350-5.500	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Reflex testing not indicated
Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa
Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.

OBSERVATION	9/16/2015 see details		Cottage Health/Pacific Diagnostic Laboratories

Notes:

PERLAB Performing Lab:
CL = PDL Core Lab, 454 S. Patterson Ave., 93111 Director: John Blaustein, MD

CBC with Automated Differential.

Name	Date	Value	Units	Range	Source
WBC Count	1/6/2016	5.70	K/uL	4.0-10.0	Cottage Health/Pacific Diagnostic Laboratories
Hemoglobin	1/6/2016	14.20	g/dL	11.0-15.5	Cottage Health/Pacific Diagnostic Laboratories
Hematocrit	1/6/2016	42.60	%	33.0-46.5	Cottage Health/Pacific Diagnostic Laboratories

Platelet Count	1/6/2016	225.00	K/uL	150-450	Cottage Health/Pacific Diagnostic Laboratories
RBC Count	1/6/2016	4.82	Millions/uL	3.80-5.10	Cottage Health/Pacific Diagnostic Laboratories
Mean Cell Volume	1/6/2016	88.30	fL	80-100	Cottage Health/Pacific Diagnostic Laboratories
Mean Corpuscular Hgb	1/6/2016	29.60	pg	26.0-34.0	Cottage Health/Pacific Diagnostic Laboratories
Mean Corp Hgb Conc	1/6/2016	33.50	g/dL	30.0-36.0	Cottage Health/Pacific Diagnostic Laboratories
RBC Distrib. Width	1/6/2016	13.10	%	12.0-16.0	Cottage Health/Pacific Diagnostic Laboratories
Mean Platelet Volume	1/6/2016	10.40	fL	7.0-11.0	Cottage Health/Pacific Diagnostic Laboratories
Differential Type	1/6/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

Automated Differential

Neutrophil %	1/6/2016	55.00	%		Cottage Health/Pacific Diagnostic Laboratories
Lymph %	1/6/2016	35.00	%		Cottage Health/Pacific Diagnostic Laboratories
Monocyte %	1/6/2016	7.00	%		Cottage Health/Pacific Diagnostic Laboratories
Eosinophil %	1/6/2016	2.00	%		Cottage Health/Pacific Diagnostic Laboratories
Basophil%	1/6/2016	1.00	%		Cottage Health/Pacific Diagnostic Laboratories
Neutrophils.	1/6/2016	3.10	K/uL	1.7-6.4	Cottage Health/Pacific Diagnostic Laboratories
Lymphocytes.	1/6/2016	2.00	K/uL	1.0-3.5	Cottage Health/Pacific Diagnostic Laboratories
Monocytes.	1/6/2016	0.40	K/uL	0.1-0.8	Cottage Health/Pacific Diagnostic Laboratories
Basophils.	1/6/2016	0.10	K/uL	0.0-0.2	Cottage Health/Pacific Diagnostic Laboratories
Eosinophil, Absolute	1/6/2016	0.10	K/uL	0.0-0.4	Cottage Health/Pacific Diagnostic Laboratories
Nucleated RBC's	1/6/2016	0.10	/100 WBC	<1	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.

OBSERVATION	1/6/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

Notes:

PERLAB Performing Lab:
CL = PDL Core Lab, 454 S. Patterson Ave., 93111 Director: John Blaustein, MD

Comprehensive Metabolic Panel

Name	Date	Value	Units	Range	Source
Sodium Level	1/6/2016	140.00	mmol/L	134-146	Cottage Health/Pacific Diagnostic Laboratories
Potassium Level	1/6/2016	4.60	mmol/L	3.5-5.2	Cottage Health/Pacific Diagnostic Laboratories
Chloride Level	1/6/2016	105.00	mmol/L	98-110	Cottage Health/Pacific Diagnostic Laboratories
Carbon Dioxide	1/6/2016	25.00	mmol/L	21-32	Cottage Health/Pacific Diagnostic Laboratories
Anion Gap	1/6/2016	10.00	mmol/L	5-15	Cottage Health/Pacific Diagnostic Laboratories
Urea Nitrogen	1/6/2016	11.00	mg/dL	8-26	Cottage Health/Pacific Diagnostic Laboratories
Creatinine	1/6/2016	0.89	mg/dL	0.40-1.20	Cottage Health/Pacific Diagnostic Laboratories
GFR Estimate	1/6/2016	>60	mL/min/1.73m2	>60	Cottage Health/Pacific Diagnostic Laboratories

Notes:

(NOTE)
For African Americans, multiply by 1.212

Bun Creat. Ratio	1/6/2016	12.40		7.0-28.0	Cottage Health/Pacific Diagnostic Laboratories
Glucose.	1/6/2016	80.00	mg/dL	75-99	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Normal fasting, 75-99 mg/dL
Impaired fasting, 100-125 mg/dL
Provisional diabetic, fasting over 125 mg/dL
Non fasting, 75-140 mg/dL

Calcium Level	1/6/2016	9.60	mg/dL	8.4-10.3	Cottage Health/Pacific Diagnostic Laboratories

Protein,Total	1/6/2016	7.30	g/dL	6.3-8.5	Cottage Health/Pacific Diagnostic Laboratories
Albumin Level	1/6/2016	4.60	g/dL	3.7-5.0	Cottage Health/Pacific Diagnostic Laboratories
Globulin	1/6/2016	2.70	g/dL	2.0-4.1	Cottage Health/Pacific Diagnostic Laboratories
A/G	1/6/2016	1.70		1.1-2.1	Cottage Health/Pacific Diagnostic Laboratories
Bilirubin,Total	1/6/2016	0.50	mg/dL	<1.4	Cottage Health/Pacific Diagnostic Laboratories
AST (SGOT)	1/6/2016	32.00	U/L	<43	Cottage Health/Pacific Diagnostic Laboratories
ALT (SGPT)	1/6/2016	25.00	U/L	<45	Cottage Health/Pacific Diagnostic Laboratories
Alkaline Phosphatase	1/6/2016	77.00	U/L	<135	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.

OBSERVATION	1/6/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

PERLAB Performing Lab:
CL = PDL Core Lab, 454 S. Patterson Ave., 93111 Director: John Blaustein, MD

Cortisol PM

Name	Date	Value	Units	Range	Source
Cortisol PM	1/6/2016	5.00	ug/dL	2.0-9.0	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.

OBSERVATION	1/6/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

PERLAB Performing Lab:
CL = PDL Core Lab, 454 S. Patterson Ave., 93111 Director: John Blaustein, MD

CPK

Name	Date	Value	Units	Range	Source
CPK	1/6/2016	123.00	U/L	<160	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.

OBSERVATION	1/6/2016	see details	Cottage Health/Pacific Diagnostic Laboratories

Notes:

PERLAB Performing Lab:
CL = PDL Core Lab, 454 S. Patterson Ave., 93111 Director: John Blaustein, MD

C Reactive Protein mg/L

Name	Date	Value	Units	Range	Source
C Reactive Protein mg/L	1/6/2016	<4.0	mg/L	<10.0	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa
Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.

OBSERVATION	1/6/2016	see details	Cottage Health/Pacific Diagnostic Laboratories

Notes:

PERLAB Performing Lab:
CL = PDL Core Lab, 454 S. Patterson
Ave., 93111 Director: John Blaustein, MD

Sedimentation Rate.

Name	Date	Value	Units	Range	Source
Sedimentation Rate.	1/6/2016	3.00	mm/Hr	0.0-30.0	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.

OBSERVATION	1/6/2016 see details		Cottage Health/Pacific Diagnostic Laboratories

Notes:

PERLAB Performing Lab:
CL = PDL Core Lab, 454 S. Patterson Ave., 93111 Director: John Blaustein, MD

Thyroid Reflex Panel

Name	Date	Value	Units	Range	Source
Thyroid Stimulating Hormone	1/6/2016	3.65	uIU/mL	0.350-5.500	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Reflex testing not indicated
Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.

OBSERVATION	1/6/2016 see details		Cottage Health/Pacific Diagnostic Laboratories

Notes:

PERLAB Performing Lab:
CL = PDL Core Lab, 454 S. Patterson Ave., 93111 Director: John Blaustein, MD

Lyme ELISA

Name	Date	Value	Units	Range	Source
Lyme Disease Serolog	1/18/2016	NEGATIVE			Cottage Health/Pacific Diagnostic Laboratories

Notes:

Reference range: NEGATIVE
(NOTE)
Serologic response to B. burgdorferi infection is not detected, but cannot rule out early infection during which low or undetectable antibody levels to B. burgdorferi may be present. If clinically indicated, anew serum specimen should be submitted in 7-14 days.
Test Performed by: Mayo Clinic Dpt of Lab Med & Pathology, 200 First Street SW, Rochester, MN 55905, Lab Director: Franklin R Cockerill, III, MD

OBSERVATION	1/18/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

PERLAB Performing Lab:

C Reactive Protein mg/L

Name	Date	Value	Units	Range	Source
C Reactive Protein mg/L	1/20/2016	<4.0	mg/L	<10.0	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa
Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.

OBSERVATION	1/20/2016	see details	Cottage Health/Pacific Diagnostic Laboratories

Notes:

PERLAB Performing Lab:
CL = PDL Core Lab, 454 S. Patterson
Ave., 93111 Director: John Blaustein, MD

Free T3

Name	Date	Value	Units	Range	Source
Free T3	1/20/2016	2.60	pg/mL	2.3-4.2	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.

OBSERVATION	1/20/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

PERLAB Performing Lab:
CL = PDL Core Lab, 454 S. Patterson Ave., 93111 Director: John Blaustein, MD

Free T4

Name	Date	Value	Units	Range	Source
Free T4	1/20/2016	1.30	ng/dL	0.8-1.7	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.

OBSERVATION	1/20/2016	see details	Cottage Health/Pacific Diagnostic Laboratories

Notes:

PERLAB Performing Lab:
CL = PDL Core Lab, 454 S. Patterson Ave., 93111 Director: John Blaustein, MD

Lyme Disease Antibody by Immunoblot

Name	Date	Value	Units	Range	Source
IgG Immunoblot	1/20/2016	NEGATIVE			Cottage Health/Pacific Diagnostic Laboratories

Notes:

Reference range: NEGATIVE

IgM Immunoblot	1/20/2016	NEGATIVE			Cottage Health/Pacific Diagnostic Laboratories

Notes:

Reference range: NEGATIVE

Lyme Interpretation.	1/20/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

(NOTE)
Specific serologic response to B. burgdorferi infection is not detected, but cannot rule out early infection during which low or undetectable antibody levels to B. burgdorferi may be present. If clinically indicated, a new serum specimen should be submitted in 7-14 days.
----------ADDITIONAL INFORMATION----------

	CDC criteria require >=5 bands for IgG or >=2 bands for IgM for the Immunoblot to be considered positive. Bands (e.g.,p41) may be detected in patients without Lyme disease, and patterns not meeting the CDC criteria should be interpreted with caution. Immunoblot should be ordered only on specimens that are positive or equivocal by a FDA-licensed Lyme disease antibody screening test (e.g., EIA). Test Performed by: Mayo Clinic Dpt of Lab Med & Pathology, 200 First Street SW, Rochester, MN 55905, Lab Director: Franklin R Cockerill, III, MD	
IgG Bands, Western Blot	1/20/2016 see details	Cottage Health/Pacific Diagnostic Laboratories
Notes:		
	No bands detected Unit: kDa	
IgM Bands, Western Blot	1/20/2016 see details	Cottage Health/Pacific Diagnostic Laboratories
Notes:		
	No bands detected Unit: kDa	
OBSERVATION	1/20/2016 see details	Cottage Health/Pacific Diagnostic Laboratories
Notes:		
	PERLAB Performing Lab:	

Cortisol Level.

Name	Date	Value	Units	Range	Source
Cortisol Level.	1/21/2016	15.50	ug/dL	5.0-25.0	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Test Performed By: Pacific Diagnostic Labs Core Lab, 454 S. Patterson Ave, Santa Barbara, CA 93111, Lab Director: John C. Blaustein, M.D.				
OBSERVATION	1/21/2016	see details			Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	PERLAB Performing Lab: CL = PDL Core Lab, 454 S. Patterson Ave., 93111 Director: John Blaustein, MD				

Point of Care iSTAT Chem Panel

Name	Date	Value	Units	Range	Source
iSTAT Sodium	2/11/2016	140.00	mEq/L	134-146	Cottage Health/Pacific Diagnostic Laboratories
iSTAT Potassium	2/11/2016	3.60	mEq/L	3.5-5.2	Cottage Health/Pacific Diagnostic Laboratories
iSTAT Chloride	2/11/2016	104.00	mEq/L	98-110	Cottage Health/Pacific Diagnostic Laboratories
iSTAT Total CO2	2/11/2016	23.00	mEq/L	23-27	Cottage Health/Pacific Diagnostic Laboratories
iSTAT BUN	2/11/2016	10.00	mg/dL	8-26	Cottage Health/Pacific Diagnostic Laboratories
iSTAT Creatinine	2/11/2016	1.00	mg/dL	0.4-1.2	Cottage Health/Pacific Diagnostic Laboratories
iSTAT GFR	2/11/2016	57.00	ml/min/1.73m2	>60	Cottage Health/Pacific Diagnostic Laboratories
iSTAT GFR African American	2/11/2016	70.00	ml/min/1.73m2	>60	Cottage Health/Pacific Diagnostic Laboratories
iSTAT Glucose	2/11/2016	91.00	mg/dL	75-110	Cottage Health/Pacific Diagnostic Laboratories
iSTAT Ionized Calcium	2/11/2016	4.60	mg/dL	4.6-5.4	Cottage Health/Pacific Diagnostic Laboratories
iSTAT Operator ID	2/11/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

Anis, Teresa RN
Point of Care Testing Performed at Santa Barbara Cottage Hospital, 400 West Pueblo St., Santa Barbara, CA 93105 Director: David G. Martin Reay, M.D.

OBSERVATION	2/11/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

PERLAB Performing Lab:

Renal Function Panel

Name	Date	Value	Units	Range	Source
Sodium Level	2/12/2016	138.00	mmol/L	134-146	Cottage Health/Pacific Diagnostic Laboratories
Potassium Level	2/12/2016	4.40	mmol/L	3.5-5.2	Cottage Health/Pacific Diagnostic Laboratories
Chloride Level	2/12/2016	110.00	mmol/L	98-110	Cottage Health/Pacific Diagnostic Laboratories
Carbon Dioxide	2/12/2016	24.00	mmol/L	21-32	Cottage Health/Pacific Diagnostic Laboratories

				Laboratories
Anion Gap	2/12/2016 4.00	mmol/L	5-15	Cottage Health/Pacific Diagnostic Laboratories
Urea Nitrogen	2/12/2016 10.00	mg/dL	8-26	Cottage Health/Pacific Diagnostic Laboratories
Creatinine	2/12/2016 1.07	mg/dL	0.40-1.20	Cottage Health/Pacific Diagnostic Laboratories
GFR Estimate	2/12/2016 53.00	mL/min/1.73m2	>60	Cottage Health/Pacific Diagnostic Laboratories
Notes:				
	For African Americans, multiply by 1.212			
Bun Creat. Ratio	2/12/2016 9.30		7.0-28.0	Cottage Health/Pacific Diagnostic Laboratories
Glucose.	2/12/2016 87.00	mg/dL	75-99	Cottage Health/Pacific Diagnostic Laboratories
Notes:				
	Normal fasting, 75-99 mg/dL Impaired fasting, 100-125 mg/dL Provisional diabetic, fasting over 125 mg/dL Non fasting, 75-140 mg/dL			
Calcium Level	2/12/2016 8.70	mg/dL	8.4-10.3	Cottage Health/Pacific Diagnostic Laboratories
Phosphorus Level	2/12/2016 4.90	mg/dL	2.6-4.5	Cottage Health/Pacific Diagnostic Laboratories
Albumin Level	2/12/2016 3.70	g/dL	3.7-5.0	Cottage Health/Pacific Diagnostic Laboratories
Notes:				
	Test Performed By: Santa Barbara Cottage Hospital Lab, 400 West Pueblo St, Santa Barbara, CA 93105; Director: John C. Blaustein, M.D.			
Performing Lab	2/12/2016	see details		Cottage Health/Pacific Diagnostic Laboratories
Notes:				
	Performing Lab: RL,M,BB,UA = Cottage Hospital Lab - SB, Pueblo at Bath Streets, 93105 Director: John Blaustein, MD			

CBC with Automated Differential.

Name	Date	Value	Units	Range	Source
WBC Count	2/11/2016	4.40	K/uL	4.0-10.0	Cottage Health/Pacific Diagnostic Laboratories
Hemoglobin	2/11/2016	14.20	g/dL	11.0-15.5	Cottage Health/Pacific Diagnostic Laboratories
Hematocrit	2/11/2016	43.30	%	33.0-46.5	Cottage Health/Pacific Diagnostic Laboratories
Platelet Count	2/11/2016	201.00	K/uL	150-450	Cottage Health/Pacific Diagnostic Laboratories
RBC Count	2/11/2016	4.91	Millions/uL	3.80-5.10	Cottage Health/Pacific Diagnostic Laboratories
Mean Cell Volume	2/11/2016	88.20	fL	80-100	Cottage Health/Pacific Diagnostic Laboratories
Mean Corpuscular Hgb	2/11/2016	28.90	pg	26.0-34.0	Cottage Health/Pacific Diagnostic Laboratories
Mean Corp Hgb Conc	2/11/2016	32.80	g/dL	30.0-36.0	Cottage Health/Pacific Diagnostic Laboratories
RBC Distrib. Width	2/11/2016	12.90	%	12.0-16.0	Cottage Health/Pacific Diagnostic Laboratories
Mean Platelet Volume	2/11/2016	9.30	fL	7.0-11.0	Cottage Health/Pacific Diagnostic Laboratories
Differential Type	2/11/2016	see details			Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Automated Differential				
Neutrophil %	2/11/2016	41.00	%		Cottage Health/Pacific Diagnostic Laboratories
Lymph %	2/11/2016	46.00	%		Cottage Health/Pacific Diagnostic Laboratories
Monocyte %	2/11/2016	7.00	%		Cottage Health/Pacific Diagnostic Laboratories
Eosinophil %	2/11/2016	4.00	%		Cottage Health/Pacific Diagnostic Laboratories
Basophil%	2/11/2016	2.00	%		Cottage Health/Pacific Diagnostic Laboratories
Neutrophils.	2/11/2016	1.80	K/uL	1.7-6.4	Cottage Health/Pacific Diagnostic Laboratories
Lymphocytes.	2/11/2016	2.10	K/uL	1.0-3.5	Cottage Health/Pacific Diagnostic

Lymphocytes.	2/11/2016 2.10	K/uL	1.0-3.5	Laboratories
Monocytes.	2/11/2016 0.30	K/uL	0.1-0.8	Cottage Health/Pacific Diagnostic Laboratories
Basophils.	2/11/2016 0.10	K/uL	0.0-0.2	Cottage Health/Pacific Diagnostic Laboratories
Eosinophil, Absolute	2/11/2016 0.20	K/uL	0.0-0.4	Cottage Health/Pacific Diagnostic Laboratories
Nucleated RBC's	2/11/2016 0.10	/100 WBC	<1	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Santa Barbara Cottage Hospital Lab, 400 West Pueblo St, Santa Barbara, CA 93105; Director: John C. Blaustein, M.D.

OBSERVATION	2/11/2016	see details		Cottage Health/Pacific Diagnostic Laboratories

Notes:

PERLAB Performing Lab:
RL,M,BB,UA = Cottage Hospital Lab - SB, Pueblo at Bath Streets, 93105 Director: John Blaustein, MD

Hepatic Function Panel

Name	Date	Value	Units	Range	Source
Bilirubin,Total	2/11/2016	0.30	mg/dL	<1.4	Cottage Health/Pacific Diagnostic Laboratories
Bilirubin,Direct	2/11/2016	0.10	mg/dL	<0.3	Cottage Health/Pacific Diagnostic Laboratories
AST (SGOT)	2/11/2016	30.00	U/L	<43	Cottage Health/Pacific Diagnostic Laboratories
ALT (SGPT)	2/11/2016	21.00	U/L	<45	Cottage Health/Pacific Diagnostic Laboratories
Alkaline Phosphatase	2/11/2016	67.00	U/L	<135	Cottage Health/Pacific Diagnostic Laboratories
Protein,Total	2/11/2016	7.10	g/dL	6.3-8.5	Cottage Health/Pacific Diagnostic Laboratories
Albumin,Hepatic Panel	2/11/2016	4.80	g/dL	3.7-5.0	Cottage Health/Pacific Diagnostic Laboratories
Globulin	2/11/2016	2.30	g/dL	2.0-4.1	Cottage Health/Pacific Diagnostic Laboratories
A/G	2/11/2016	2.10		1.1-2.1	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Santa Barbara Cottage Hospital Lab, 400 West Pueblo St, Santa
Barbara, CA 93105; Director: John C. Blaustein, M.D.

OBSERVATION	2/11/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

PERLAB Performing Lab:
RL,M,BB,UA = Cottage Hospital Lab - SB, Pueblo at Bath Streets, 93105 Director: John Blaustein, MD

PT/PTT

Name	Date	Value	Units	Range	Source
Prothrombin Time	2/11/2016	10.20	Seconds	9.3-12.0	Cottage Health/Pacific Diagnostic Laboratories
PTT, Activated	2/11/2016	34.70	Seconds	27.0-37.7	Cottage Health/Pacific Diagnostic Laboratories
PTT Ratio Calc	2/11/2016	1.10	Ratio		Cottage Health/Pacific Diagnostic Laboratories

Notes:

Reference ranges: Non-anticoagulated -- 0.8-1.2, Anticoagulated (full dose heparin): 1.8-2.7
Test Performed By: Santa Barbara Cottage Hospital Lab, 400 West Pueblo St, Santa Barbara, CA 93105; Director: John C. Blaustein, M.D.

INR.	2/11/2016	0.96		0.90-1.13	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Guidelines for monitoring PT using INR:
Preop. oral anticoag. started 2 weeks before non-hip surgery: 1.50-2.50. Preop. oral anticoag. started 2 weeks before high risk surgery:2.00-3.00. Primary and secondary prevention of venous thrombosis and systemic embolism: 2.00-3.00. Acute myocardial infarction,atrial fibrillation,tissue heartvalves: 2.00-3.00. Mechanical prosthetic valves: 2.50-3.50.

OBSERVATION	2/11/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

PERLAB Performing Lab:
RL,M,BB,UA = Cottage Hospital Lab - SB, Pueblo at Bath Streets, 93105 Director: John Blaustein, MD

CBC with Manual Differential.

Name	Date	Value	Units	Range	Source
WBC Count	2/12/2016	3.80	K/uL	4.0-10.0	Cottage Health/Pacific Diagnostic Laboratories
Hemoglobin	2/12/2016	12.70	g/dL	11.0-15.5	Cottage Health/Pacific Diagnostic Laboratories
Hematocrit	2/12/2016	38.00	%	33.0-46.5	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Results checked				
Platelet Count	2/12/2016	178.00	K/uL	150-450	Cottage Health/Pacific Diagnostic Laboratories
RBC Count	2/12/2016	4.31	Millions/uL	3.80-5.10	Cottage Health/Pacific Diagnostic Laboratories
Mean Cell Volume	2/12/2016	88.10	fL	80-100	Cottage Health/Pacific Diagnostic Laboratories
Mean Corpuscular Hgb	2/12/2016	29.50	pg	26.0-34.0	Cottage Health/Pacific Diagnostic Laboratories
Mean Corp Hgb Conc	2/12/2016	33.40	g/dL	30.0-36.0	Cottage Health/Pacific Diagnostic Laboratories
RBC Distrib. Width	2/12/2016	12.80	%	12.0-16.0	Cottage Health/Pacific Diagnostic Laboratories
Mean Platelet Volume	2/12/2016	9.10	fL	7.0-11.0	Cottage Health/Pacific Diagnostic Laboratories
Differential Type	2/12/2016	see details			Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Manual Differential				
Bands %	2/12/2016	1.00	%	0-9	Cottage Health/Pacific Diagnostic Laboratories
Neutrophil %	2/12/2016	38.00	%		Cottage Health/Pacific Diagnostic Laboratories
Lymph %	2/12/2016	46.00	%		Cottage Health/Pacific Diagnostic Laboratories
Monocyte %	2/12/2016	9.00	%		Cottage Health/Pacific Diagnostic Laboratories
Eosinophil %	2/12/2016	6.00	%		Cottage Health/Pacific Diagnostic Laboratories
Basophil%	2/12/2016	0.00	%		Cottage Health/Pacific Diagnostic Laboratories
Bands	2/12/2016	0.00	K/uL		Cottage Health/Pacific Diagnostic Laboratories
Neutrophils	2/12/2016	1.40	K/uL	1.7-6.4	Cottage Health/Pacific Diagnostic

Neutrophils.	2/12/2016	1.40	K/uL	1.7-6.4	Laboratories
Lymphocytes.	2/12/2016	1.80	K/uL	1.0-3.5	Cottage Health/Pacific Diagnostic Laboratories
Monocytes.	2/12/2016	0.30	K/uL	0.1-0.8	Cottage Health/Pacific Diagnostic Laboratories
Basophils.	2/12/2016	0.00	K/uL	0.0-0.2	Cottage Health/Pacific Diagnostic Laboratories
RBC Morphology .	2/12/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

RBC morphology appears within normal limits
Test Performed By: Santa Barbara Cottage Hospital Lab, 400 West Pueblo St, Santa Barbara, CA 93105; Director: John C. Blaustein, M.D.

Eosinophil, Absolute	2/12/2016	0.20	K/uL	0.0-0.4	Cottage Health/Pacific Diagnostic Laboratories
Performing Lab	2/12/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

Performing Lab:
RL,M,BB,UA = Cottage Hospital Lab - SB, Pueblo at Bath Streets, 93105 Director: John Blaustein, MD

PT/PTT

Name	Date	Value	Units	Range	Source
Prothrombin Time	2/12/2016	11.00	Seconds	9.3-12.0	Cottage Health/Pacific Diagnostic Laboratories
PTT, Activated	2/12/2016	34.90	Seconds	27.0-37.7	Cottage Health/Pacific Diagnostic Laboratories
PTT Ratio Calc	2/12/2016	1.10	Ratio		Cottage Health/Pacific Diagnostic Laboratories

Notes:

Reference ranges: Non-anticoagulated -- 0.8-1.2, Anticoagulated (full dose heparin): 1.8-2.7
Test Performed By: Santa Barbara Cottage Hospital Lab, 400 West Pueblo St, Santa Barbara, CA 93105; Director: John C. Blaustein, M.D.

INR.	2/12/2016	1.04		0.90-1.13	Cottage Health/Pacific Diagnostic Laboratories

Notes:

d systemic embolism: 2.00-3.00.
Acute myocardial infarction,atrial fibrillation,tissue heartvalves: 2.00-3.00.
Mechanical prosthetic valves: 2.50-3.50.
Guidelines for monitoring PT using INR:
Preop. oral anticoag. started 2 weeks before non-hip surgery: 1.50-2.50. Preop. oral anticoag. started 2 weeks before high risk surgery:2.00-3.00. Primary and secondary prevention of venous thrombosis an

Performing Lab	2/12/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

Performing Lab:
RL,M,BB,UA = Cottage Hospital Lab - SB, Pueblo at Bath Streets, 93105 Director: John Blaustein, MD

Name	Date	Value	Units	Range	Source
Urine Color.	2/11/2016	Yellow		YELLOW	Cottage Health/Pacific Diagnostic Laboratories
Urine Clarity.	2/11/2016	Clear		CLEAR	Cottage Health/Pacific Diagnostic Laboratories
Specific Gravity, Urine	2/11/2016	1.01		1.005-1.030	Cottage Health/Pacific Diagnostic Laboratories
pH Urine	2/11/2016	7.00		4.6-8.0	Cottage Health/Pacific Diagnostic Laboratories
Protein Urine dipstick	2/11/2016	NEGATIVE	mg/dL	NEG	Cottage Health/Pacific Diagnostic Laboratories
Glucose Urine	2/11/2016	NEGATIVE	mg/dL	NEG	Cottage Health/Pacific Diagnostic Laboratories
Bilirubin Urine	2/11/2016	NEGATIVE		NEG	Cottage Health/Pacific Diagnostic Laboratories
Occult Blood Urine	2/11/2016	NEGATIVE		NEG	Cottage Health/Pacific Diagnostic Laboratories
Leuk Esterase Urine	2/11/2016	NEGATIVE		NEG	Cottage Health/Pacific Diagnostic Laboratories
Nitrite Urine	2/11/2016	NEGATIVE		NEG	Cottage Health/Pacific Diagnostic Laboratories
Urobilinogen Urine	2/11/2016	0.20	EU/dL	0.2-1.0	Cottage Health/Pacific Diagnostic Laboratories
RBC Urine	2/11/2016	<3	/hpf	BELOW3	Cottage Health/Pacific Diagnostic Laboratories
WBC Urine	2/11/2016	<6	/hpf	BELOW6	Cottage Health/Pacific Diagnostic Laboratories
Bacteria,Urine	2/11/2016	1+	/hpf	NONE	Cottage Health/Pacific Diagnostic Laboratories
Hyaline Casts.	2/11/2016	<4	/lpf	BELOW4	Cottage Health/Pacific Diagnostic Laboratories
Pathological Casts.	2/11/2016	NONE	/lpf	NONE	Cottage Health/Pacific Diagnostic Laboratories
Epith. Cell Urine	2/11/2016	1+	/hpf	NONE	Cottage Health/Pacific Diagnostic Laboratories
Crystal Urine	2/11/2016	NONE	/hpf	NONE	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Test Performed By: Santa Barbara Cottage Hospital Lab, 400 West Pueblo St, Santa Barbara, CA 93105; Director: John C. Blaustein, M.D.				
zzzUrine Ketones	2/11/2016	NEGATIVE	mg/dL	NEG	Cottage Health/Pacific Diagnostic Laboratories

OBSERVATION	2/11/2016 see details	Cottage Health/Pacific Diagnostic Laboratories

Notes:

PERLAB Performing Lab:
RL,M,BB,UA = Cottage Hospital Lab - SB, Pueblo at Bath Streets, 93105 Director: John Blaustein, MD

CBC with Automated Differential.

Name	Date	Value	Units	Range	Source
WBC Count	2/16/2016	4.40	K/uL	4.0-10.0	Cottage Health/Pacific Diagnostic Laboratories
Notes:	Verified by repeat analysis				
Hemoglobin	2/16/2016	14.40	g/dL	11.0-15.5	Cottage Health/Pacific Diagnostic Laboratories
Notes:	Verified by repeat analysis				
Hematocrit	2/16/2016	43.80	%	33.0-46.5	Cottage Health/Pacific Diagnostic Laboratories
Notes:	Verified by repeat analysis				
Platelet Count	2/16/2016	194.00	K/uL	150-450	Cottage Health/Pacific Diagnostic Laboratories
Notes:	Verified by repeat analysis				
RBC Count	2/16/2016	4.98	Millions/uL	3.80-5.10	Cottage Health/Pacific Diagnostic Laboratories
Mean Cell Volume	2/16/2016	88.10	fL	80-100	Cottage Health/Pacific Diagnostic Laboratories
Notes:	Verified by repeat analysis				
Mean Corpuscular Hgb	2/16/2016	29.00	pg	26.0-34.0	Cottage Health/Pacific Diagnostic Laboratories
Mean Corp Hgb Conc	2/16/2016	32.90	g/dL	30.0-36.0	Cottage Health/Pacific Diagnostic Laboratories
RBC Distrib. Width	2/16/2016	12.90	%	12.0-16.0	Cottage Health/Pacific Diagnostic Laboratories

				10.0	Laboratories
Mean Platelet Volume	2/16/2016	9.20	fL	7.0-11.0	Cottage Health/Pacific Diagnostic Laboratories
Differential Type	2/16/2016	see details			Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Automated Differential				
Neutrophil %	2/16/2016	60.00	%		Cottage Health/Pacific Diagnostic Laboratories
Lymph %	2/16/2016	29.00	%		Cottage Health/Pacific Diagnostic Laboratories
Monocyte %	2/16/2016	7.00	%		Cottage Health/Pacific Diagnostic Laboratories
Eosinophil %	2/16/2016	3.00	%		Cottage Health/Pacific Diagnostic Laboratories
Basophil%	2/16/2016	1.00	%		Cottage Health/Pacific Diagnostic Laboratories
Neutrophils.	2/16/2016	2.60	K/uL	1.7-6.4	Cottage Health/Pacific Diagnostic Laboratories
Lymphocytes.	2/16/2016	1.30	K/uL	1.0-3.5	Cottage Health/Pacific Diagnostic Laboratories
Monocytes.	2/16/2016	0.30	K/uL	0.1-0.8	Cottage Health/Pacific Diagnostic Laboratories
Basophils.	2/16/2016	0.10	K/uL	0.0-0.2	Cottage Health/Pacific Diagnostic Laboratories
Eosinophil, Absolute	2/16/2016	0.10	K/uL	0.0-0.4	Cottage Health/Pacific Diagnostic Laboratories
Nucleated RBC's	2/16/2016	0.10	/100 WBC	<1	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Test Performed By: Santa Barbara Cottage Hospital Lab, 400 West Pueblo St, Santa Barbara, CA 93105; Director: John C. Blaustein, M.D.				
Performing Lab	2/16/2016	see details			Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Performing Lab: RL,M,BB,UA = Cottage Hospital Lab - SB, Pueblo at Bath Streets, 93105 Director: John Blaustein, MD				

Basic Metabolic Panel

Name	Date	Value	Units	Range	Source
Sodium Level	2/16/2016	137.00	mmol/L	134-146	Cottage Health/Pacific Diagnostic Laboratories
Potassium Level	2/16/2016	3.70	mmol/L	3.5-5.2	Cottage Health/Pacific Diagnostic Laboratories
Chloride Level	2/16/2016	106.00	mmol/L	98-110	Cottage Health/Pacific Diagnostic Laboratories
Carbon Dioxide	2/16/2016	23.00	mmol/L	21-32	Cottage Health/Pacific Diagnostic Laboratories
Anion Gap	2/16/2016	8.00	mmol/L	5-15	Cottage Health/Pacific Diagnostic Laboratories
Urea Nitrogen	2/16/2016	11.00	mg/dL	8-26	Cottage Health/Pacific Diagnostic Laboratories
Creatinine	2/16/2016	0.93	mg/dL	0.40-1.20	Cottage Health/Pacific Diagnostic Laboratories
GFR Estimate	2/16/2016	>60	mL/min/1.73m2	>60	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	For African Americans, multiply by 1.212				
Bun Creat. Ratio	2/16/2016	11.80		7.0-28.0	Cottage Health/Pacific Diagnostic Laboratories
Glucose.	2/16/2016	91.00	mg/dL	75-99	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Normal fasting, 75-99 mg/dL Impaired fasting, 100-125 mg/dL Provisional diabetic, fasting over 125 mg/dL				

	Non fasting, 75-140 mg/dL				
Calcium Level	2/16/2016 10.10	mg/dL		8.4-10.3	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Santa Barbara Cottage Hospital Lab, 400 West Pueblo St, Santa Barbara, CA 93105; Director: John C. Blaustein, M.D.

Performing Lab	2/16/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

Performing Lab:
RL,M,BB,UA = Cottage Hospital Lab - SB, Pueblo at Bath Streets, 93105 Director: John Blaustein, MD

PT/PTT

Name	Date	Value	Units	Range	Source
Prothrombin Time	2/16/2016	10.00	Seconds	9.3-12.0	Cottage Health/Pacific Diagnostic Laboratories
PTT, Activated	2/16/2016	36.10	Seconds	27.0-37.7	Cottage Health/Pacific Diagnostic Laboratories
PTT Ratio Calc	2/16/2016	1.10	Ratio		Cottage Health/Pacific Diagnostic Laboratories

Notes:

Reference ranges: Non-anticoagulated -- 0.8-1.2, Anticoagulated (full dose heparin): 1.8-2.7
Test Performed By: Santa Barbara Cottage Hospital Lab, 400 West Pueblo St, Santa Barbara, CA 93105; Director: John C. Blaustein, M.D.

INR.	2/16/2016	0.96		0.90-1.13	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Guidelines for monitoring PT using INR:
Preop. oral anticoag. started 2 weeks before non-hip surgery: 1.50-2.50. Preop. oral anticoag. started 2 weeks before high risk surgery:2.00-3.00. Primary and secondary prevention of venous thrombosis and systemic embolism: 2.00-3.00. Acute myocardial infarction,atrial fibrillation,tissue heartvalves: 2.00-3.00. Mechanical prosthetic valves: 2.50-3.50.

Performing Lab	2/16/2016	see details	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Performing Lab:
RL,M,BB,UA = Cottage Hospital Lab - SB, Pueblo at Bath Streets, 93105 Director: John Blaustein, MD

Type And Screen

Name	Date	Value	Units	Range	Source
ABO/Rh(D) Component	2/16/2016	see details			Cottage Health/Pacific Diagnostic Laboratories
Notes:		A POSITIVE (SB)			
Antibody Screen	2/16/2016	see details			Cottage Health/Pacific Diagnostic Laboratories
Notes:		NEGATIVE (SB) Test Performed By: Santa Barbara Cottage Hospital Lab, 400 West Pueblo St, Santa Barbara, CA 93105; Director: John C. Blaustein, M.D.			
Performing Lab	2/16/2016	see details			Cottage Health/Pacific Diagnostic Laboratories
Notes:		Performing Lab appears in parentheses at the end of each result: RL,M,BB,UA = Cottage Hospital Lab - SB, Pueblo at Bath Streets, 93105 Director: John Blaustein, MD			

Urinalysis with Microscopic

Name	Date	Value	Units	Range	Source
Urine Color.	2/16/2016	Yellow		YELLOW	Cottage Health/Pacific Diagnostic Laboratories
Urine Clarity.	2/16/2016	Clear		CLEAR	Cottage Health/Pacific Diagnostic Laboratories
Specific Gravity, Urine	2/16/2016	1.02		1.005-1.030	Cottage Health/Pacific Diagnostic Laboratories
pH Urine	2/16/2016	8.00		4.6-8.0	Cottage Health/Pacific Diagnostic Laboratories
Protein Urine dipstick	2/16/2016	NEGATIVE	mg/dL	NEG	Cottage Health/Pacific Diagnostic Laboratories
[illegible]	2/16/2016	NEGATIVE	[illegible]	NEG	Cottage Health/Pacific Diagnostic

Glucose Urine	2/16/2016 NEGATIVE	mg/dL	NEG	Laboratories
Bilirubin Urine	2/16/2016 NEGATIVE		NEG	Cottage Health/Pacific Diagnostic Laboratories
Occult Blood Urine	2/16/2016 NEGATIVE		NEG	Cottage Health/Pacific Diagnostic Laboratories
Leuk Esterase Urine	2/16/2016 NEGATIVE		NEG	Cottage Health/Pacific Diagnostic Laboratories
Nitrite Urine	2/16/2016 NEGATIVE		NEG	Cottage Health/Pacific Diagnostic Laboratories
Urobilinogen Urine	2/16/2016 0.20	EU/dL	0.2-1.0	Cottage Health/Pacific Diagnostic Laboratories
RBC Urine	2/16/2016 <3	/hpf	BELOW3	Cottage Health/Pacific Diagnostic Laboratories
WBC Urine	2/16/2016 <6	/hpf	BELOW6	Cottage Health/Pacific Diagnostic Laboratories
Bacteria,Urine	2/16/2016 NONE	/hpf	NONE	Cottage Health/Pacific Diagnostic Laboratories
Hyaline Casts.	2/16/2016 <4	/lpf	BELOW4	Cottage Health/Pacific Diagnostic Laboratories
Pathological Casts.	2/16/2016 NONE	/lpf	NONE	Cottage Health/Pacific Diagnostic Laboratories
Epith. Cell Urine	2/16/2016 NONE	/hpf	NONE	Cottage Health/Pacific Diagnostic Laboratories
Crystal Urine	2/16/2016 NONE	/hpf	NONE	Cottage Health/Pacific Diagnostic Laboratories
Small Round Cells	2/16/2016 <2	/hpf	BELOW2	Cottage Health/Pacific Diagnostic Laboratories
Urine Yeast/Mycelium	2/16/2016 NONE	/hpf	NONE	Cottage Health/Pacific Diagnostic Laboratories
Notes:				
	Test Performed By: Pacific Diagnostic Laboratory Core Lab, 454 S. Patterson, Santa Barbara, CA 93111 Director: John C. Blaustein M.D.			
Exam Description	2/16/2016 see details			Cottage Health/Pacific Diagnostic Laboratories
Notes:				
	Urine Microscopic			
zzzUrine Ketones	2/16/2016 NEGATIVE	mg/dL	NEG	Cottage Health/Pacific Diagnostic Laboratories
Performing Lab	2/16/2016 see details			Cottage Health/Pacific Diagnostic Laboratories
Notes:				
	Performing Lab: CL = PDL Core Lab, 454 S. Patterson Ave., 93111 Director: John Blaustein, MD			

Urine Culture

Name	Date	Value	Units	Range	Source
Urine Culture	2/16/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

Specimen Description:
URINE (M)
Special Requests:
ANTIBIOTIC INFORMATION NOT GIVEN (M)
Colony Count:
<10,000 COL/ML (CL)
Culture:
MIXED FLORA, 3 OR MORE COLONY TYPES, NO FURTHER WORKUP (CL)
Report Status Micro:
FINAL 02/17/2016 (CL)
Performing Lab:
Performing Lab appears in parentheses at the end of each result:
RL,M,BB,UA = Cottage Hospital Lab - SB, Pueblo at Bath Streets, 93105 Director: John Blaustein, MD
CL = PDL Core Lab, 454 S. Patterson Ave., 93111 Director

MRSA by PCR, Nasal Swab Only

Name	Date	Value	Units	Range	Source
MRSA by PCR, Nasal Swab Only	2/16/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

MRSA by PCR, Nasal Swab Only:
No MRSA DNA detected, MRSA nasal colonization unlikely.
Test Performed By: Pacific Diagnostic Laboratory Core Lab, 454 S. Patterson,
Santa Barbara, CA 93111 Director: John C. Blaustein M.D.
Performing Lab:
Performing Lab:
CL = PDL Core Lab, 454 S. Patterson
Ave., 93111 Director: John Blaustein, MD

ABO/Rh(D) Recheck

Name	Date	Value	Units	Range	Source
ABO/Rh(D) Component	2/16/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

A POSITIVE (SB)
Test Performed By: Santa Barbara Cottage Hospital Lab, 400 West Pueblo St, Santa
Barbara, CA 93105; Director: John C. Blaustein, M.D.

OBSERVATION	2/16/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

PERLAB Performing Lab appears in parentheses at the end of each result:
RL,M,BB,UA = Cottage Hospital Lab - SB, Pueblo at Bath
Streets, 93105 Director: John Blaustein, MD

Name	Date	Value	Units	Range	Source
Sample Source	2/16/2016	see details			Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Arterial				
FIO2	2/16/2016	100.00	%		Cottage Health/Pacific Diagnostic Laboratories
pH, Arterial	2/16/2016	7.44		7.35-7.45	Cottage Health/Pacific Diagnostic Laboratories
PCO2, Arterial	2/16/2016	31.00	mmHg	34-45	Cottage Health/Pacific Diagnostic Laboratories
PO2, Arterial	2/16/2016	552.00	mmHg	70-95	Cottage Health/Pacific Diagnostic Laboratories
Bicarbonate, Arterial	2/16/2016	21.10	mmol/L	22.0-26.0	Cottage Health/Pacific Diagnostic Laboratories
Base Excess	2/16/2016	.	mmol/L	0.0-2.0	Cottage Health/Pacific Diagnostic Laboratories
Base Deficit	2/16/2016	2.20	mmol/L		Cottage Health/Pacific Diagnostic Laboratories
O2 Saturation, Arterial	2/16/2016	97.00	%		Cottage Health/Pacific Diagnostic Laboratories
Carboxyhemoglobin, Arterial	2/16/2016	1.30	%	0.0-2.0	Cottage Health/Pacific Diagnostic Laboratories
Methemoglobin, Arterial	2/16/2016	1.40	%	0.0-2.0	Cottage Health/Pacific Diagnostic Laboratories
Hemoglobin, Measured Arterial	2/16/2016	12.10	g/dL	13.0-17.0	Cottage Health/Pacific Diagnostic Laboratories
Sodium, Arterial	2/16/2016	138.00	mmol/L	135-147	Cottage Health/Pacific Diagnostic Laboratories
Potassium, Arterial	2/16/2016	3.40	mmol/L	3.5-5.2	Cottage Health/Pacific Diagnostic Laboratories
Calcium, Ionized Arterial	2/16/2016	4.60	mg/dL	4.6-5.4	Cottage Health/Pacific Diagnostic Laboratories
Lactate WB,Arterial	2/16/2016	0.80	mmol/L	0.5-2.2	Cottage Health/Pacific Diagnostic Laboratories
Glucose Arterial	2/16/2016	99.00	mg/dL	75-125	Cottage Health/Pacific Diagnostic Laboratories
CAO2	2/16/2016	18.00	ml/dL	16.0-23.0	Cottage Health/Pacific Diagnostic Laboratories
A-a O2 Difference	2/16/2016	122.00		7-40	Cottage Health/Pacific Diagnostic Laboratories
A-A Ratio	2/16/2016	0.82			Cottage Health/Pacific Diagnostic

					Laboratories
P/F Ratio	2/16/2016	552.00	mmHg	>240	Cottage Health/Pacific Diagnostic Laboratories
.Comment	2/16/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

DRAWN IN SPECIALS.
Drawn by MD

Analyzed By:	2/16/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

Terry, Somdahl, RCP
Point of Care Testing Performed at Santa Barbara Cottage Hospital, 400 West Pueblo St., Santa Barbara, CA 93105 Director: David G. Martin Reay, M.D.

OBSERVATION	2/16/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

PERLAB Performing Lab:

Activated Clotting Time (Hemochron) POC.

Name	Date	Value	Units	Range	Source
Activated Clotting Time (Hemochron) Point of Care	2/16/2016	133.00	Seconds	130-175	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Point of Care Testing Performed at Santa Barbara Cottage Hospital, 400 West
Pueblo St., Santa Barbara, CA 93105 Director: David G. Martin Reay, M.D.

OBSERVATION	2/16/2016	see details		Cottage Health/Pacific Diagnostic Laboratories

Notes:

PERLAB Performing Lab:

Activated Clotting Time (Hemochron) POC.

Name	Date	Value	Units	Range	Source
Activated Clotting Time (Hemochron) Point of Care	2/16/2016	325.00	Seconds	130-175	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Point of Care Testing Performed at Santa Barbara Cottage Hospital, 400 West
Pueblo St., Santa Barbara, CA 93105 Director: David G. Martin Reay, M.D.

OBSERVATION	2/16/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

PERLAB Performing Lab:

Activated Clotting Time (Hemochron) POC.

Name	Date	Value	Units	Range	Source
Activated Clotting Time (Hemochron) Point of Care	2/16/2016	244.00	Seconds	130-175	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Point of Care Testing Performed at Santa Barbara Cottage Hospital, 400 West
Pueblo St., Santa Barbara, CA 93105 Director: David G. Martin Reay, M.D.

OBSERVATION	2/16/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

PERLAB Performing Lab:

Activated Clotting Time (Hemochron) POC.

Name	Date	Value	Units	Range	Source
Activated Clotting Time (Hemochron) Point of Care	2/16/2016	228.00	Seconds	130-175	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Point of Care Testing Performed at Santa Barbara Cottage Hospital, 400 West Pueblo St., Santa Barbara, CA 93105 Director: David G. Martin Reay, M.D.				
OBSERVATION	2/16/2016	see details			Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	PERLAB Performing Lab:				

Activated Clotting Time (Hemochron) POC.

Name	Date	Value	Units	Range	Source
Activated Clotting Time (Hemochron) Point of Care	2/16/2016	234.00	Seconds	130-175	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Point of Care Testing Performed at Santa Barbara Cottage Hospital, 400 West Pueblo St., Santa Barbara, CA 93105 Director: David G. Martin Reay, M.D.				
OBSERVATION	2/16/2016	see details			Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	PERLAB Performing Lab:				

ABG Lytes Lactate Glu w/CoOx, Arterial

Name	Date	Value	Units	Range	Source
Sample Source	2/16/2016	see details			Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Arterial				
FIO2	2/16/2016	21.00	%		Cottage Health/Pacific Diagnostic Laboratories
pH, Arterial	2/16/2016	7.36		7.35-7.45	Cottage Health/Pacific Diagnostic Laboratories
PCO2, Arterial	2/16/2016	37.00	mmHg	34-45	Cottage Health/Pacific Diagnostic

PCO2, Arterial	2/16/2016	37.00	mmHg	34-45	Laboratories
PO2, Arterial	2/16/2016	101.00	mmHg	70-95	Cottage Health/Pacific Diagnostic Laboratories
Bicarbonate, Arterial	2/16/2016	20.90	mmol/L	22.0-26.0	Cottage Health/Pacific Diagnostic Laboratories
Base Excess	2/16/2016	.	mmol/L	0.0-2.0	Cottage Health/Pacific Diagnostic Laboratories
Base Deficit	2/16/2016	4.10	mmol/L		Cottage Health/Pacific Diagnostic Laboratories
O2 Saturation, Arterial	2/16/2016	97.00	%		Cottage Health/Pacific Diagnostic Laboratories
Carboxyhemoglobin, Arterial	2/16/2016	2.10	%	0.0-2.0	Cottage Health/Pacific Diagnostic Laboratories
Methemoglobin, Arterial	2/16/2016	1.10	%	0.0-2.0	Cottage Health/Pacific Diagnostic Laboratories
Hemoglobin, Measured Arterial	2/16/2016	10.90	g/dL	13.0-17.0	Cottage Health/Pacific Diagnostic Laboratories
Sodium, Arterial	2/16/2016	139.00	mmol/L	135-147	Cottage Health/Pacific Diagnostic Laboratories
Potassium, Arterial	2/16/2016	3.90	mmol/L	3.5-5.2	Cottage Health/Pacific Diagnostic Laboratories
Calcium, Ionized Arterial	2/16/2016	4.50	mg/dL	4.6-5.4	Cottage Health/Pacific Diagnostic Laboratories
Lactate WB,Arterial	2/16/2016	0.60	mmol/L	0.5-2.2	Cottage Health/Pacific Diagnostic Laboratories
Glucose Arterial	2/16/2016	106.00	mg/dL	75-125	Cottage Health/Pacific Diagnostic Laboratories
CAO2	2/16/2016	15.00	ml/dL	16.0-23.0	Cottage Health/Pacific Diagnostic Laboratories
A-a O2 Difference	2/16/2016	2.00		7-40	Cottage Health/Pacific Diagnostic Laboratories
A-A Ratio	2/16/2016	0.98			Cottage Health/Pacific Diagnostic Laboratories
P/F Ratio	2/16/2016	481.00	mmHg	>240	Cottage Health/Pacific Diagnostic Laboratories
Analyzed By:	2/16/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

Sherry, Acord, RCP
Point of Care Testing Performed at Santa Barbara Cottage Hospital, 400 West Pueblo St., Santa Barbara, CA 93105 Director: David G. Martin Reay, M.D.

OBSERVATION	2/16/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

PERLAB Performing Lab:

Glucose, Point of Care

Name	Date	Value	Units	Range	Source
Glucose, POC	2/16/2016	93.00	mg/dL	75-110	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Point of Care Testing Performed at Santa Barbara Cottage Hospital, 400 West Pueblo St., Santa Barbara, CA 93105 Director: David G. Martin Reay, M.D.				
OBSERVATION	2/16/2016	see details			Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	PERLAB Performing Lab:				

CBC with Automated Differential.

Name	Date	Value	Units	Range	Source
WBC Count	2/16/2016	6.90	K/uL	4.0-10.0	Cottage Health/Pacific Diagnostic Laboratories
Hemoglobin	2/16/2016	11.80	g/dL	11.0-15.5	Cottage Health/Pacific Diagnostic Laboratories
Hematocrit	2/16/2016	35.80	%	33.0-46.5	Cottage Health/Pacific Diagnostic Laboratories
Platelet Count	2/16/2016	178.00	K/uL	150-450	Cottage Health/Pacific Diagnostic Laboratories
RBC Count	2/16/2016	4.09	Millions/uL	3.80-5.10	Cottage Health/Pacific Diagnostic Laboratories
Mean Cell Volume	2/16/2016	87.50	fL	80-100	Cottage Health/Pacific Diagnostic Laboratories
Mean Corpuscular Hgb	2/16/2016	29.00	pg	26.0-34.0	Cottage Health/Pacific Diagnostic Laboratories
Mean Corp Hgb Conc	2/16/2016	33.10	g/dL	30.0-36.0	Cottage Health/Pacific Diagnostic Laboratories
				12.0	Cottage Health/Pacific Diagnostic

RBC Distrib. Width	2/16/2016	12.50	%	12.0-16.0	Cottage Health/Pacific Diagnostic Laboratories
Mean Platelet Volume	2/16/2016	9.10	fL	7.0-11.0	Cottage Health/Pacific Diagnostic Laboratories
Differential Type	2/16/2016	see details			Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Automated Differential				
Neutrophil %	2/16/2016	89.00	%		Cottage Health/Pacific Diagnostic Laboratories
Lymph %	2/16/2016	9.00	%		Cottage Health/Pacific Diagnostic Laboratories
Monocyte %	2/16/2016	2.00	%		Cottage Health/Pacific Diagnostic Laboratories
Eosinophil %	2/16/2016	0.00	%		Cottage Health/Pacific Diagnostic Laboratories
Basophil%	2/16/2016	0.00	%		Cottage Health/Pacific Diagnostic Laboratories
Neutrophils.	2/16/2016	6.10	K/uL	1.7-6.4	Cottage Health/Pacific Diagnostic Laboratories
Lymphocytes.	2/16/2016	0.60	K/uL	1.0-3.5	Cottage Health/Pacific Diagnostic Laboratories
Monocytes.	2/16/2016	0.10	K/uL	0.1-0.8	Cottage Health/Pacific Diagnostic Laboratories
Basophils.	2/16/2016	0.00	K/uL	0.0-0.2	Cottage Health/Pacific Diagnostic Laboratories
Eosinophil, Absolute	2/16/2016	0.00	K/uL	0.0-0.4	Cottage Health/Pacific Diagnostic Laboratories
Nucleated RBC's	2/16/2016	0.00	/100 WBC	<1	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Test Performed By: Santa Barbara Cottage Hospital Lab, 400 West Pueblo St, Santa Barbara, CA 93105; Director: John C. Blaustein, M.D.				
Performing Lab	2/16/2016	see details			Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Performing Lab: RL,M,BB,UA = Cottage Hospital Lab - SB, Pueblo at Bath Streets, 93105 Director: John Blaustein, MD				

Name	Date	Value	Units	Range	Source
Sodium Level	2/16/2016	135.00	mmol/L	134-146	Cottage Health/Pacific Diagnostic Laboratories
Potassium Level	2/16/2016	3.90	mmol/L	3.5-5.2	Cottage Health/Pacific Diagnostic Laboratories
Chloride Level	2/16/2016	108.00	mmol/L	98-110	Cottage Health/Pacific Diagnostic Laboratories
Carbon Dioxide	2/16/2016	20.00	mmol/L	21-32	Cottage Health/Pacific Diagnostic Laboratories
Anion Gap	2/16/2016	7.00	mmol/L	5-15	Cottage Health/Pacific Diagnostic Laboratories
Urea Nitrogen	2/16/2016	11.00	mg/dL	8-26	Cottage Health/Pacific Diagnostic Laboratories
Creatinine	2/16/2016	0.79	mg/dL	0.40-1.20	Cottage Health/Pacific Diagnostic Laboratories
GFR Estimate	2/16/2016	>60	mL/min/1.73m2	>60	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	For African Americans, multiply by 1.212				
Bun Creat. Ratio	2/16/2016	13.90		7.0-28.0	Cottage Health/Pacific Diagnostic Laboratories
Glucose.	2/16/2016	140.00	mg/dL	75-99	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Normal fasting, 75-99 mg/dL Impaired fasting, 100-125 mg/dL Provisional diabetic, fasting over 125 mg/dL Non fasting, 75-140 mg/dL				
Calcium Level	2/16/2016	8.60	mg/dL	8.4-10.3	Cottage Health/Pacific Diagnostic Laboratories
Phosphorus Level	2/16/2016	3.70	mg/dL	2.6-4.5	Cottage Health/Pacific Diagnostic Laboratories
Albumin Level	2/16/2016	3.90	g/dL	3.7-5.0	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Test Performed By: Santa Barbara Cottage Hospital Lab, 400 West Pueblo St, Santa Barbara, CA 93105; Director: John C. Blaustein, M.D.				
Performing Lab	2/16/2016	see details			Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Performing Lab: RL,M,BB,UA = Cottage Hospital Lab - SB, Pueblo at Bath				

Streets, 93105 Director: John Blaustein, MD

PT/PTT

Name	Date	Value	Units	Range	Source
Prothrombin Time	2/16/2016	11.30	Seconds	9.3-12.0	Cottage Health/Pacific Diagnostic Laboratories
PTT, Activated	2/16/2016	38.90	Seconds	27.0-37.7	Cottage Health/Pacific Diagnostic Laboratories
PTT Ratio Calc	2/16/2016	1.20	Ratio		Cottage Health/Pacific Diagnostic Laboratories

Notes:

Reference ranges: Non-anticoagulated -- 0.8-1.2, Anticoagulated (full dose heparin): 1.8-2.7
Test Performed By: Santa Barbara Cottage Hospital Lab, 400 West Pueblo St, Santa Barbara, CA 93105; Director: John C. Blaustein, M.D.

INR.	2/16/2016	1.08		0.90-1.13	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Guidelines for monitoring PT using INR:
Preop. oral anticoag. started 2 weeks before non-hip surgery: 1.50-2.50. Preop. oral anticoag. started 2 weeks before high risk surgery:2.00-3.00. Primary and secondary prevention of venous thrombosis and systemic embolism: 2.00-3.00. Acute myocardial infarction,atrial fibrillation,tissue heartvalves: 2.00-3.00. Mechanical prosthetic valves: 2.50-3.50.

Performing Lab	2/16/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

Performing Lab:
RL,M,BB,UA = Cottage Hospital Lab - SB, Pueblo at Bath Streets, 93105 Director: John Blaustein, MD

CBC with Automated Differential.

Name	Date	Value	Units	Range	Source
WBC Count	2/16/2016	7.20	K/uL	4.0-10.0	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Results checked				
Hemoglobin	2/16/2016	10.90	g/dL	11.0-15.5	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Results checked				
Hematocrit	2/16/2016	32.60	%	33.0-46.5	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Results checked				
Platelet Count	2/16/2016	155.00	K/uL	150-450	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Results checked				
RBC Count	2/16/2016	3.74	Millions/uL	3.80-5.10	Cottage Health/Pacific Diagnostic Laboratories
Mean Cell Volume	2/16/2016	87.00	fL	80-100	Cottage Health/Pacific Diagnostic Laboratories
Mean Corpuscular Hgb	2/16/2016	29.20	pg	26.0-34.0	Cottage Health/Pacific Diagnostic Laboratories
Mean Corp Hgb Conc	2/16/2016	33.60	g/dL	30.0-36.0	Cottage Health/Pacific Diagnostic Laboratories
RBC Distrib. Width	2/16/2016	12.80	%	12.0-16.0	Cottage Health/Pacific Diagnostic Laboratories
Mean Platelet Volume	2/16/2016	9.40	fL	7.0-11.0	Cottage Health/Pacific Diagnostic Laboratories
Differential Type	2/16/2016	see details			Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Automated Differential				
Neutrophil %	2/16/2016	82.00	%		Cottage Health/Pacific Diagnostic Laboratories
Lymph %	2/16/2016	12.00	%		Cottage Health/Pacific Diagnostic Laboratories
Monocyte %	2/16/2016	3.00	%		Cottage Health/Pacific Diagnostic Laboratories
Eosinophil %	2/16/2016	2.00	%		Cottage Health/Pacific Diagnostic Laboratories

Basophil%	2/16/2016	1.00	%		Cottage Health/Pacific Diagnostic Laboratories
Neutrophils.	2/16/2016	5.90	K/uL	1.7-6.4	Cottage Health/Pacific Diagnostic Laboratories
Lymphocytes.	2/16/2016	0.90	K/uL	1.0-3.5	Cottage Health/Pacific Diagnostic Laboratories
Monocytes.	2/16/2016	0.20	K/uL	0.1-0.8	Cottage Health/Pacific Diagnostic Laboratories
Basophils.	2/16/2016	0.00	K/uL	0.0-0.2	Cottage Health/Pacific Diagnostic Laboratories
Eosinophil, Absolute	2/16/2016	0.10	K/uL	0.0-0.4	Cottage Health/Pacific Diagnostic Laboratories
Nucleated RBC's	2/16/2016	0.00	/100 WBC	<1	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Santa Barbara Cottage Hospital Lab, 400 West Pueblo St, Santa Barbara, CA 93105; Director: John C. Blaustein, M.D.

Performing Lab	2/16/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

Performing Lab:
RL,M,BB,UA = Cottage Hospital Lab - SB, Pueblo at Bath Streets, 93105 Director: John Blaustein, MD

Name	Date	Value	Units	Range	Source
Sodium Level	2/16/2016	140.00	mmol/L	134-146	Cottage Health/Pacific Diagnostic Laboratories
Potassium Level	2/16/2016	3.80	mmol/L	3.5-5.2	Cottage Health/Pacific Diagnostic Laboratories
Chloride Level	2/16/2016	111.00	mmol/L	98-110	Cottage Health/Pacific Diagnostic Laboratories
Carbon Dioxide	2/16/2016	19.00	mmol/L	21-32	Cottage Health/Pacific Diagnostic Laboratories
Anion Gap	2/16/2016	10.00	mmol/L	5-15	Cottage Health/Pacific Diagnostic Laboratories
Urea Nitrogen	2/16/2016	10.00	mg/dL	8-26	Cottage Health/Pacific Diagnostic Laboratories
Creatinine	2/16/2016	0.83	mg/dL	0.40-1.20	Cottage Health/Pacific Diagnostic Laboratories
GFR Estimate	2/16/2016	>60	mL/min/1.73m2	>60	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	For African Americans, multiply by 1.212				
Bun Creat. Ratio	2/16/2016	12.00		7.0-28.0	Cottage Health/Pacific Diagnostic Laboratories
Glucose.	2/16/2016	106.00	mg/dL	75-99	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Normal fasting, 75-99 mg/dL Impaired fasting, 100-125 mg/dL Provisional diabetic, fasting over 125 mg/dL Non fasting, 75-140 mg/dL				
Calcium Level	2/16/2016	8.10	mg/dL	8.4-10.3	Cottage Health/Pacific Diagnostic Laboratories
Phosphorus Level	2/16/2016	4.40	mg/dL	2.6-4.5	Cottage Health/Pacific Diagnostic Laboratories
Albumin Level	2/16/2016	3.50	g/dL	3.7-5.0	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Test Performed By: Santa Barbara Cottage Hospital Lab, 400 West Pueblo St, Santa Barbara, CA 93105; Director: John C. Blaustein, M.D.				
Performing Lab	2/16/2016	see details			Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Performing Lab: RL,M,BB,UA = Cottage Hospital Lab - SB, Pueblo at Bath Streets, 93105 Director: John Blaustein, MD				

CBC with Automated Differential.

Name	Date	Value	Units	Range	Source
WBC Count	2/17/2016	6.10	K/uL	4.0-10.0	Cottage Health/Pacific Diagnostic Laboratories
Hemoglobin	2/17/2016	10.60	g/dL	11.0-15.5	Cottage Health/Pacific Diagnostic Laboratories
Hematocrit	2/17/2016	31.90	%	33.0-46.5	Cottage Health/Pacific Diagnostic Laboratories
Platelet Count	2/17/2016	156.00	K/uL	150-450	Cottage Health/Pacific Diagnostic Laboratories
RBC Count	2/17/2016	3.64	Millions/uL	3.80-5.10	Cottage Health/Pacific Diagnostic Laboratories
Mean Cell Volume	2/17/2016	87.70	fL	80-100	Cottage Health/Pacific Diagnostic Laboratories
Mean Corpuscular Hgb	2/17/2016	29.00	pg	26.0-34.0	Cottage Health/Pacific Diagnostic Laboratories
Mean Corp Hgb Conc	2/17/2016	33.10	g/dL	30.0-36.0	Cottage Health/Pacific Diagnostic Laboratories
RBC Distrib. Width	2/17/2016	13.10	%	12.0-16.0	Cottage Health/Pacific Diagnostic Laboratories
Mean Platelet Volume	2/17/2016	9.10	fL	7.0-11.0	Cottage Health/Pacific Diagnostic Laboratories
Differential Type	2/17/2016	see details			Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Automated Differential				
Neutrophil %	2/17/2016	65.00	%		Cottage Health/Pacific Diagnostic Laboratories
Lymph %	2/17/2016	24.00	%		Cottage Health/Pacific Diagnostic Laboratories
					Cottage Health/Pacific Diagnostic

Monocyte %	2/17/2016 9.00	%		Cottage Health/Pacific Diagnostic Laboratories
Eosinophil %	2/17/2016 1.00	%		Cottage Health/Pacific Diagnostic Laboratories
Basophil%	2/17/2016 1.00	%		Cottage Health/Pacific Diagnostic Laboratories
Neutrophils.	2/17/2016 4.00	K/uL	1.7-6.4	Cottage Health/Pacific Diagnostic Laboratories
Lymphocytes.	2/17/2016 1.40	K/uL	1.0-3.5	Cottage Health/Pacific Diagnostic Laboratories
Monocytes.	2/17/2016 0.50	K/uL	0.1-0.8	Cottage Health/Pacific Diagnostic Laboratories
Basophils.	2/17/2016 0.00	K/uL	0.0-0.2	Cottage Health/Pacific Diagnostic Laboratories
Eosinophil, Absolute	2/17/2016 0.10	K/uL	0.0-0.4	Cottage Health/Pacific Diagnostic Laboratories
Nucleated RBC's	2/17/2016 0.00	/100 WBC	<1	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Santa Barbara Cottage Hospital Lab, 400 West Pueblo St, Santa Barbara, CA 93105; Director: John C. Blaustein, M.D.

Performing Lab	2/17/2016	see details	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Performing Lab:
RL,M,BB,UA = Cottage Hospital Lab - SB, Pueblo at Bath Streets, 93105 Director: John Blaustein, MD

PT/PTT

Name	Date	Value	Units	Range	Source
Prothrombin Time	2/17/2016	12.30	Seconds	9.3-12.0	Cottage Health/Pacific Diagnostic Laboratories
PTT, Activated	2/17/2016	29.90	Seconds	27.0-37.7	Cottage Health/Pacific Diagnostic Laboratories
PTT Ratio Calc	2/17/2016	0.90	Ratio		Cottage Health/Pacific Diagnostic Laboratories

Notes:

Reference ranges: Non-anticoagulated -- 0.8-1.2, Anticoagulated (full dose heparin): 1.8-2.7
Test Performed By: Santa Barbara Cottage Hospital Lab, 400 West Pueblo St, Santa Barbara, CA 93105; Director: John C. Blaustein, M.D.

INR.	2/17/2016	1.16		0.90-1.13	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Guidelines for monitoring PT using INR:
Preop. oral anticoag. started 2 weeks before non-hip surgery: 1.50-2.50. Preop. oral anticoag. started 2 weeks before high risk surgery:2.00-3.00. Primary and secondary prevention of venous thrombosis and systemic embolism: 2.00-3.00. Acute myocardial infarction,atrial fibrillation,tissue heartvalves: 2.00-3.00. Mechanical prosthetic valves: 2.50-3.50.

Performing Lab	2/17/2016	see details	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Performing Lab:
RL,M,BB,UA = Cottage Hospital Lab - SB, Pueblo at Bath Streets, 93105 Director: John Blaustein, MD

Magnesium Level mg/dL

Name	Date	Value	Units	Range	Source
Magnesium Level mg/dL	2/17/2016	1.80	mg/dL	1.8-2.5	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Test Performed By: Santa Barbara Cottage Hospital Lab, 400 West Pueblo St, Santa Barbara, CA 93105; Director: John C. Blaustein, M.D.				
OBSERVATION	2/17/2016	see details			Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	PERLAB Performing Lab: RL,M,BB,UA = Cottage Hospital Lab - SB, Pueblo at Bath Streets, 93105 Director: John Blaustein, MD				

Renal Function Panel

Name	Date	Value	Units	Range	Source
Sodium Level	2/17/2016	139.00	mmol/L	134-146	Cottage Health/Pacific Diagnostic Laboratories
Potassium Level	2/17/2016	3.70	mmol/L	3.5-5.2	Cottage Health/Pacific Diagnostic Laboratories
Chloride Level	2/17/2016	111.00	mmol/L	98-110	Cottage Health/Pacific Diagnostic Laboratories
Carbon Dioxide	2/17/2016	20.00	mmol/L	21-32	Cottage Health/Pacific Diagnostic Laboratories
Anion Gap	2/17/2016	8.00	mmol/L	5-15	Cottage Health/Pacific Diagnostic Laboratories
Urea Nitrogen	2/17/2016	8.00	mg/dL	8-26	Cottage Health/Pacific Diagnostic Laboratories
Creatinine	2/17/2016	0.74	mg/dL	0.40-1.20	Cottage Health/Pacific Diagnostic Laboratories
GFR Estimate	2/17/2016	>60	mL/min/1.73m2	>60	Cottage Health/Pacific Diagnostic Laboratories
Notes:					

	For African Americans, multiply by 1.212			
Bun Creat. Ratio	2/17/2016 10.80		7.0-28.0	Cottage Health/Pacific Diagnostic Laboratories
Glucose.	2/17/2016 90.00	mg/dL	75-99	Cottage Health/Pacific Diagnostic Laboratories
Notes:				
	Normal fasting, 75-99 mg/dL Impaired fasting, 100-125 mg/dL Provisional diabetic, fasting over 125 mg/dL Non fasting, 75-140 mg/dL			
Calcium Level	2/17/2016 8.60	mg/dL	8.4-10.3	Cottage Health/Pacific Diagnostic Laboratories
Phosphorus Level	2/17/2016 3.80	mg/dL	2.6-4.5	Cottage Health/Pacific Diagnostic Laboratories
Albumin Level	2/17/2016 3.40	g/dL	3.7-5.0	Cottage Health/Pacific Diagnostic Laboratories
Notes:				
	Test Performed By: Santa Barbara Cottage Hospital Lab, 400 West Pueblo St, Santa Barbara, CA 93105; Director: John C. Blaustein, M.D.			
OBSERVATION	2/17/2016	see details		Cottage Health/Pacific Diagnostic Laboratories
Notes:				
	PERLAB Performing Lab: RL,M,BB,UA = Cottage Hospital Lab - SB, Pueblo at Bath Streets, 93105 Director: John Blaustein, MD			

PT/PTT

Name	Date	Value	Units	Range	Source
Prothrombin Time	2/18/2016	10.70	Seconds	9.3-12.0	Cottage Health/Pacific Diagnostic Laboratories
PTT, Activated	2/18/2016	30.60	Seconds	27.0-37.7	Cottage Health/Pacific Diagnostic Laboratories
PTT Ratio Calc	2/18/2016	0.90	Ratio		Cottage Health/Pacific Diagnostic Laboratories

Notes:

Reference ranges: Non-anticoagulated -- 0.8-1.2, Anticoagulated (full dose heparin): 1.8-2.7
Test Performed By: Santa Barbara Cottage Hospital Lab, 400 West Pueblo St, Santa Barbara, CA 93105; Director: John C. Blaustein, M.D.

INR.	2/18/2016	1.03		0.90-1.13	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Guidelines for monitoring PT using INR:
Preop. oral anticoag. started 2 weeks before non-hip surgery: 1.50-2.50. Preop. oral anticoag. started 2 weeks before high risk surgery:2.00-3.00. Primary and secondary prevention of venous thrombosis and systemic embolism: 2.00-3.00. Acute myocardial infarction,atrial fibrillation,tissue heartvalves: 2.00-3.00. Mechanical prosthetic valves: 2.50-3.50.

Performing Lab	2/18/2016	see details	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Performing Lab:
RL,M,BB,UA = Cottage Hospital Lab - SB, Pueblo at Bath Streets, 93105 Director: John Blaustein, MD

CBC with Automated Differential.

Name	Date	Value	Units	Range	Source
WBC Count	2/18/2016	4.00	K/uL	4.0-10.0	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Results checked				
Hemoglobin	2/18/2016	11.40	g/dL	11.0-15.5	Cottage Health/Pacific Diagnostic Laboratories
Hematocrit	2/18/2016	34.20	%	33.0-46.5	Cottage Health/Pacific Diagnostic Laboratories
Platelet Count	2/18/2016	154.00	K/uL	150-450	Cottage Health/Pacific Diagnostic Laboratories
RBC Count	2/18/2016	3.88	Millions/uL	3.80-5.10	Cottage Health/Pacific Diagnostic Laboratories
Mean Cell Volume	2/18/2016	88.10	fL	80-100	Cottage Health/Pacific Diagnostic Laboratories
Mean Corpuscular Hgb	2/18/2016	29.30	pg	26.0-34.0	Cottage Health/Pacific Diagnostic Laboratories
Mean Corp Hgb Conc	2/18/2016	33.30	g/dL	30.0-36.0	Cottage Health/Pacific Diagnostic Laboratories
RBC Distrib. Width	2/18/2016	13.10	%	12.0-16.0	Cottage Health/Pacific Diagnostic Laboratories
Mean Platelet Volume	2/18/2016	8.50	fL	7.0-11.0	Cottage Health/Pacific Diagnostic Laboratories
Differential Type	2/18/2016	see details			Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Automated Differential				
Neutrophil %	2/18/2016	47.00	%		Cottage Health/Pacific Diagnostic Laboratories
Lymph %	2/18/2016	36.00	%		Cottage Health/Pacific Diagnostic Laboratories
Monocyte %	2/18/2016	9.00	%		Cottage Health/Pacific Diagnostic Laboratories
Eosinophil %	2/18/2016	6.00	%		Cottage Health/Pacific Diagnostic Laboratories
Basophil%	2/18/2016	2.00	%		Cottage Health/Pacific Diagnostic Laboratories
Neutrophils.	2/18/2016	1.90	K/uL	1.7-6.4	Cottage Health/Pacific Diagnostic Laboratories
Lymphocytes.	2/18/2016	1.40	K/uL	1.0-3.5	Cottage Health/Pacific Diagnostic Laboratories
Monocytes.	2/18/2016	0.30	K/uL	0.1-0.8	Cottage Health/Pacific Diagnostic

Monocytes.	2/18/2016	0.50	K/uL	0.1-0.8	Cottage Health/Pacific Diagnostic Laboratories
Basophils.	2/18/2016	0.10	K/uL	0.0-0.2	Cottage Health/Pacific Diagnostic Laboratories
Eosinophil, Absolute	2/18/2016	0.20	K/uL	0.0-0.4	Cottage Health/Pacific Diagnostic Laboratories
Nucleated RBC's	2/18/2016	0.00	/100 WBC	<1	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Santa Barbara Cottage Hospital Lab, 400 West Pueblo St, Santa Barbara, CA 93105; Director: John C. Blaustein, M.D.

Performing Lab	2/18/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

Performing Lab:
RL,M,BB,UA = Cottage Hospital Lab - SB, Pueblo at Bath Streets, 93105 Director: John Blaustein, MD

Renal Function Panel

Name	Date	Value	Units	Range	Source
Sodium Level	2/18/2016	139.00	mmol/L	134-146	Cottage Health/Pacific Diagnostic Laboratories
Potassium Level	2/18/2016	3.80	mmol/L	3.5-5.2	Cottage Health/Pacific Diagnostic Laboratories
Chloride Level	2/18/2016	107.00	mmol/L	98-110	Cottage Health/Pacific Diagnostic Laboratories
Carbon Dioxide	2/18/2016	26.00	mmol/L	21-32	Cottage Health/Pacific Diagnostic Laboratories
Anion Gap	2/18/2016	6.00	mmol/L	5-15	Cottage Health/Pacific Diagnostic Laboratories
Urea Nitrogen	2/18/2016	11.00	mg/dL	8-26	Cottage Health/Pacific Diagnostic Laboratories
Creatinine	2/18/2016	0.73	mg/dL	0.40-1.20	Cottage Health/Pacific Diagnostic Laboratories
GFR Estimate	2/18/2016	>60	mL/min/1.73m2	>60	Cottage Health/Pacific Diagnostic

GFR Estimate	2/18/2016 >60	mL/min/1.73m2 >60		Laboratories

Notes:

For African Americans, multiply by 1.212

Bun Creat. Ratio	2/18/2016 15.10		7.0-28.0	Cottage Health/Pacific Diagnostic Laboratories
Glucose.	2/18/2016 88.00	mg/dL	75-99	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Normal fasting, 75-99 mg/dL
Impaired fasting, 100-125 mg/dL
Provisional diabetic, fasting over 125 mg/dL
Non fasting, 75-140 mg/dL

Calcium Level	2/18/2016 9.20	mg/dL	8.4-10.3	Cottage Health/Pacific Diagnostic Laboratories
Phosphorus Level	2/18/2016 4.20	mg/dL	2.6-4.5	Cottage Health/Pacific Diagnostic Laboratories
Albumin Level	2/18/2016 3.60	g/dL	3.7-5.0	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Santa Barbara Cottage Hospital Lab, 400 West Pueblo St, Santa Barbara, CA 93105; Director: John C. Blaustein, M.D.

Performing Lab	2/18/2016	see details		Cottage Health/Pacific Diagnostic Laboratories

Notes:

Performing Lab:
RL,M,BB,UA = Cottage Hospital Lab - SB, Pueblo at Bath Streets, 93105 Director: John Blaustein, MD

Magnesium Level mg/dL

Name	Date	Value	Units	Range	Source
Magnesium Level mg/dL	2/18/2016	1.80	mg/dL	1.8-2.5	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Santa Barbara Cottage Hospital Lab, 400 West Pueblo St, Santa
Barbara, CA 93105; Director: John C. Blaustein, M.D.

Performing Lab	2/18/2016	see details	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Performing Lab:
RL,M,BB,UA = Cottage Hospital Lab - SB, Pueblo at Bath Streets, 93105 Director: John Blaustein, MD

Urine Culture

Name	Date	Value	Units	Range	Source
Urine Culture	2/22/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

Specimen Description:
URINE (R)
Special Requests:
BACTRIM (CL)
Colony Count:
25000 COL/ML (CL)
Culture:
ESCHERICHIA COLI , SUSCEPTIBILITY TO FOLLOW (CL)
Culture:
ESCHERICHIA COLI (CL)
Report Status Micro:
FINAL 02/23/2016 (CL)
Organism:
ESCHERICHIA COLI (CL)

Susceptibility Type MIC (ug/mL) (CL)
Ampicillin 4 SUSCEPTIBLE (CL)
AMP/Sulbactam 4 SUSCEPTIBLE (CL)
Piperacillin/Tazobactam <=4 SUSCEPTIBLE (CL)
Cefazolin <=4 SUSCEPTIBLE (CL)

Cefazolin. <=4 SUSCEPTIBLE (CL)
Ceftriaxone. <=1 SUSCEPTIBLE (CL)
Ceftazidime <=1 SUSCEPTIBLE (CL)
Imipenem <=0.25 SUSCEPTIBLE (CL)
Ertapenem <=0.5 SUSCEPTIBLE (CL)
Levofloxacin. <=0.12 SUSCEPTIBLE (CL)
Ciprofloxacin. <=0.25 SUSCEPTIBLE (CL)
Gentamicin. <=1 SUSCEPTIBLE (CL)
Trimethoprim/Sulfamethoxazole <=1/19 SUSCEPTIBLE (CL)
Nitrofurantoin. 32 SUSCEPTIBLE (CL)

Name	Date	Value	Units	Range	Source
Urine Color	2/24/2016	Yellow			Cottage Health/Pacific Diagnostic Laboratories
Urine Clarity	2/24/2016	Cloudy			Cottage Health/Pacific Diagnostic Laboratories
Urine Specific Gravity.	2/24/2016	>1.030		1.005-1.030	Cottage Health/Pacific Diagnostic Laboratories
Urine pH.	2/24/2016	5.50		5-7	Cottage Health/Pacific Diagnostic Laboratories
Urine Protein.	2/24/2016	>300	mg/dL	<20	Cottage Health/Pacific Diagnostic Laboratories
Urine Glucose.	2/24/2016	NEGATIVE	mg/dL	NEG	Cottage Health/Pacific Diagnostic Laboratories
Urine Ketones.	2/24/2016	NEGATIVE	mg/dL	NEG	Cottage Health/Pacific Diagnostic Laboratories
Bilirubin, Urine POC	2/24/2016	NEGATIVE	mg/dL	NEG	Cottage Health/Pacific Diagnostic Laboratories
Urine Nitrite.	2/24/2016	NEGATIVE		NEG	Cottage Health/Pacific Diagnostic Laboratories
Urine Urobilinogin.	2/24/2016	0.20	EU/dL	0.2-1.0	Cottage Health/Pacific Diagnostic Laboratories
Urine Blood	2/24/2016	Large		NONE	Cottage Health/Pacific Diagnostic Laboratories
Urine Leukocyte Esterase	2/24/2016	NONE		NONE	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Point of Care Testing Performed at Santa Barbara Cottage Hospital, 400 West Pueblo St., Santa Barbara, CA 93105 Director: David G. Martin Reay, M.D.

Urinalysis with Microscopic

Name	Date	Value	Units	Range	Source
Urine Color.	2/24/2016	Yellow		YELLOW	Cottage Health/Pacific Diagnostic Laboratories
Urine Clarity.	2/24/2016	Hazy		CLEAR	Cottage Health/Pacific Diagnostic Laboratories
Specific Gravity, Urine	2/24/2016	>1.030		1.005-1.030	Cottage Health/Pacific Diagnostic Laboratories
pH Urine	2/24/2016	5.50		4.6-8.0	Cottage Health/Pacific Diagnostic Laboratories
Protein Urine	2/24/2016	see details		NEG	Cottage Health/Pacific Diagnostic

dipstick	2/24/2016 see details		NEG	Laboratories
Notes:				
	4+ (>300 mg/dL)			
Glucose Urine	2/24/2016 NEGATIVE	mg/dL	NEG	Cottage Health/Pacific Diagnostic Laboratories
Bilirubin Urine	2/24/2016 NEGATIVE		NEG	Cottage Health/Pacific Diagnostic Laboratories
Occult Blood Urine	2/24/2016 see details		NEG	Cottage Health/Pacific Diagnostic Laboratories
Notes:				
	3+ (Large)			
Leuk Esterase Urine	2/24/2016 NEGATIVE		NEG	Cottage Health/Pacific Diagnostic Laboratories
Nitrite Urine	2/24/2016 NEGATIVE		NEG	Cottage Health/Pacific Diagnostic Laboratories
Urobilinogen Urine	2/24/2016 0.20	EU/dL	0.2-1.0	Cottage Health/Pacific Diagnostic Laboratories
RBC Urine	2/24/2016 25-49	/hpf	BELOW3	Cottage Health/Pacific Diagnostic Laboratories
WBC Urine	2/24/2016 <6	/hpf	BELOW6	Cottage Health/Pacific Diagnostic Laboratories
Bacteria,Urine	2/24/2016 2+	/hpf	NONE	Cottage Health/Pacific Diagnostic Laboratories
Hyaline Casts.	2/24/2016 <4	/lpf	BELOW4	Cottage Health/Pacific Diagnostic Laboratories
Pathological Casts.	2/24/2016 NONE	/lpf	NONE	Cottage Health/Pacific Diagnostic Laboratories
Epith. Cell Urine	2/24/2016 1+	/hpf	NONE	Cottage Health/Pacific Diagnostic Laboratories
Crystal Urine	2/24/2016 NONE	/hpf	NONE	Cottage Health/Pacific Diagnostic Laboratories
Notes:				
	Test Performed By: Santa Barbara Cottage Hospital Lab, 400 West Pueblo St, Santa Barbara, CA 93105; Director: John C. Blaustein, M.D.			
zzzUrine Ketones	2/24/2016 NEGATIVE	mg/dL	NEG	Cottage Health/Pacific Diagnostic Laboratories

Urine Culture If Indicated

Name	Date	Value	Units	Range	Source
Urine Culture If Indicated	2/24/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

Reflex Urine Culture is indicated
Test Performed By: Santa Barbara Cottage Hospital Lab, 400 West Pueblo St, Santa
Barbara, CA 93105; Director: John C. Blaustein, M.D.

Urine Culture

Name	Date	Value	Units	Range	Source
Urine Culture	2/24/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

Specimen Description:
URINE CLEAN CATCH MIDSTREAM (RL)
Special Requests:
ANTIBIOTIC INFORMATION NOT GIVEN (RL)
Culture:
NO GROWTH (CL)
Report Status Micro:
FINAL 02/25/2016 (CL)

Reflex Urine Culture

Name	Date	Value	Units	Range	Source
Reflex Urine Culture	2/24/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

Has been ordered
Test Performed By: Santa Barbara Cottage Hospital Lab, 400 West Pueblo St, Santa Barbara, CA 93105; Director: John C. Blaustein, M.D.

Point of Care iSTAT Chem Panel

Name	Date	Value	Units	Range	Source
iSTAT Sodium	2/24/2016	135.00	mEq/L	134-146	Cottage Health/Pacific Diagnostic Laboratories
iSTAT Potassium	2/24/2016	4.10	mEq/L	3.5-5.2	Cottage Health/Pacific Diagnostic Laboratories
iSTAT Chloride	2/24/2016	103.00	mEq/L	98-110	Cottage Health/Pacific Diagnostic Laboratories
iSTAT Total CO2	2/24/2016	18.00	mEq/L	23-27	Cottage Health/Pacific Diagnostic Laboratories
iSTAT BUN	2/24/2016	7.00	mg/dL	8-26	Cottage Health/Pacific Diagnostic Laboratories
iSTAT Creatinine	2/24/2016	1.10	mg/dL	0.4-1.2	Cottage Health/Pacific Diagnostic Laboratories
iSTAT GFR	2/24/2016	51.00	ml/min/1.73m2	>60	Cottage Health/Pacific Diagnostic Laboratories
iSTAT GFR African American	2/24/2016	62.00	ml/min/1.73m2	>60	Cottage Health/Pacific Diagnostic Laboratories
iSTAT Glucose	2/24/2016	111.00	mg/dL	75-110	Cottage Health/Pacific Diagnostic Laboratories
iSTAT Ionized Calcium	2/24/2016	4.90	mg/dL	4.6-5.4	Cottage Health/Pacific Diagnostic Laboratories
iSTAT Operator ID	2/24/2016	see details			Cottage Health/Pacific Diagnostic Laboratories

Notes:

Kitka, Alix RN
Point of Care Testing Performed at Santa Barbara Cottage Hospital, 400 West Pueblo St., Santa Barbara, CA 93105 Director: David G. Martin Reay, M.D.

CBC with Automated Differential.

Name	Date	Value	Units	Range	Source
WBC Count	2/24/2016	8.20	K/uL	4.0-10.0	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Results checked				
Hemoglobin	2/24/2016	12.10	g/dL	11.0-15.5	Cottage Health/Pacific Diagnostic Laboratories
Hematocrit	2/24/2016	36.20	%	33.0-46.5	Cottage Health/Pacific Diagnostic Laboratories
Platelet Count	2/24/2016	237.00	K/uL	150-450	Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Results checked				
RBC Count	2/24/2016	4.15	Millions/uL	3.80-5.10	Cottage Health/Pacific Diagnostic Laboratories
Mean Cell Volume	2/24/2016	87.20	fL	80-100	Cottage Health/Pacific Diagnostic Laboratories
Mean Corpuscular Hgb	2/24/2016	29.20	pg	26.0-34.0	Cottage Health/Pacific Diagnostic Laboratories
Mean Corp Hgb Conc	2/24/2016	33.50	g/dL	30.0-36.0	Cottage Health/Pacific Diagnostic Laboratories
RBC Distrib. Width	2/24/2016	12.90	%	12.0-16.0	Cottage Health/Pacific Diagnostic Laboratories
Mean Platelet Volume	2/24/2016	8.70	fL	7.0-11.0	Cottage Health/Pacific Diagnostic Laboratories
Differential Type	2/24/2016	see details			Cottage Health/Pacific Diagnostic Laboratories
Notes:					
	Automated Differential				
Neutrophil %	2/24/2016	70.00	%		Cottage Health/Pacific Diagnostic Laboratories
Lymph %	2/24/2016	17.00	%		Cottage Health/Pacific Diagnostic Laboratories
Monocyte %	2/24/2016	11.00	%		Cottage Health/Pacific Diagnostic Laboratories
Eosinophil %	2/24/2016	1.00	%		Cottage Health/Pacific Diagnostic Laboratories
Basophil%	2/24/2016	1.00	%		Cottage Health/Pacific Diagnostic Laboratories
Neutrophils.	2/24/2016	5.80	K/uL	1.7-6.4	Cottage Health/Pacific Diagnostic Laboratories
[illegible]	2/24/2016	1.40	K/uL	1.0-3.5	Cottage Health/Pacific Diagnostic

Lymphocytes.	2/24/2016 1.40	K/uL	1.0-3.5	Cottage Health/Pacific Diagnostic Laboratories
Monocytes.	2/24/2016 0.90	K/uL	0.1-0.8	Cottage Health/Pacific Diagnostic Laboratories
Basophils.	2/24/2016 0.10	K/uL	0.0-0.2	Cottage Health/Pacific Diagnostic Laboratories
Eosinophil, Absolute	2/24/2016 0.10	K/uL	0.0-0.4	Cottage Health/Pacific Diagnostic Laboratories
Nucleated RBC's	2/24/2016 0.10	/100 WBC	<1	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Santa Barbara Cottage Hospital Lab, 400 West Pueblo St, Santa Barbara, CA 93105; Director: John C. Blaustein, M.D.

Hepatic Function Panel

Name	Date	Value	Units	Range	Source
Bilirubin,Total	2/24/2016	0.40	mg/dL	<1.4	Cottage Health/Pacific Diagnostic Laboratories
Bilirubin,Direct	2/24/2016	<0.1	mg/dL	<0.3	Cottage Health/Pacific Diagnostic Laboratories
AST (SGOT)	2/24/2016	54.00	U/L	<43	Cottage Health/Pacific Diagnostic Laboratories
ALT (SGPT)	2/24/2016	133.00	U/L	<45	Cottage Health/Pacific Diagnostic Laboratories
Alkaline Phosphatase	2/24/2016	101.00	U/L	<135	Cottage Health/Pacific Diagnostic Laboratories
Protein,Total	2/24/2016	7.30	g/dL	6.3-8.5	Cottage Health/Pacific Diagnostic Laboratories
Albumin,Hepatic Panel	2/24/2016	4.30	g/dL	3.7-5.0	Cottage Health/Pacific Diagnostic Laboratories
Globulin	2/24/2016	3.00	g/dL	2.0-4.1	Cottage Health/Pacific Diagnostic Laboratories
A/G	2/24/2016	1.40		1.1-2.1	Cottage Health/Pacific Diagnostic Laboratories

Notes:

Test Performed By: Santa Barbara Cottage Hospital Lab, 400 West Pueblo St, Santa
Barbara, CA 93105; Director: John C. Blaustein, M.D.

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